

## **Historic, Archive Document**

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6216  
32  
RUSTLESS GOLDEN WAX  
BUSH BEAN

# Seeds

from  
the Flower  
City



HART & VICK, INC.

Seedsman  
Plantmen



Rochester, N.Y.



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## SOWING AND PLANTING TABLE FOR VEGETABLES

	Seeds 50-ft.Row	Time of Planting	Ready for Use		Seeds 50-ft.Row	Time of Planting	Ready for Use
Beans, Bush	1 pt.	May-Aug.	45-80 days	Melon, Water	1/2 oz.	May-June	100-125 days
Beans, Pole	1/4 pt.	May-June	50-75 days	Onion	1/2 oz.	April-May	120-160 days
Beans, Lima	1/4 pt.	May-June	70-100 days	Parsley	1/4 oz.	April-June	90-125 days
Beets	1 oz.	April-Aug.	60-70 days	Parsnips	1/4 oz.	April-May	100-150 days
Cabbage, Early	35 plants	March-April	90-125 days	Peas, Dwarf or Tall	1 pt.	March-July	50-80 days
Cabbage, Late	25 plants	May-June	90-130 days	Peppers	25 plants	May-June	100-150 days
Carrot	1/2 oz.	April-June	60-85 days	Potatoes	1/2 pk.	April-June	70-120 days
Cauliflower	25 plants	April-June	100-140 days	Pumpkin	1/4 oz.	May-July	100-125 days
Celery	1/4 oz.	May-June	125-150 days	Radish	1/4 oz.	March-Sept.	25-50 days
Chard, Swiss	1/4 oz.	April-May	60-80 days	Salsify	1/4 oz.	April-May	120-170 days
Corn	1/2 pt.	May-July	60-100 days	Spinach	1/4 oz.	March-April	60-80 days
Cucumber	1/4 oz.	May-June	60-80 days	Squash, Bush	1/4 oz.	April-June	50-60 days
Endive	1/2 oz.	April-June	75-100 days	Squash, Running	1/4 oz.	April-June	70-100 days
Lettuce	1/4 oz.	March-Sept.	60-100 days	Tomato	25 plants	March-May	100-140 days
Melon, Musk	1/4 oz.	May-June	90-120 days	Turnip	1/4 oz.	April-July	60-80 days

## THE SUBURBAN COLLECTION OF HARDY PLANTS

Will plant a border 12 feet long, 3 feet wide, or a corner 8 feet x 6 feet x 3 feet wide.

See planting plans on pink sheet. 36 PLANTS FOR \$5.00.

Name	Color	Blooms	Name	Color	Blooms
No. 1—3 Delphinium	Blue	June and July	No. 7—3 Iceland Poppy	White-Yellow	May to Aug.
No. 2—3 Anemone	White	Sept. to Frost	No. 8—3 Platycodon	Blue	May to Oct.
No. 3—3 Coreopsis	Yellow	All Summer	No. 9—3 Shasta Daisy	White	June to Sept.
No. 4—3 Gaillardia	Yellow	All Summer	No. 10—3 Campanula	Blue	June, July
No. 5—3 Hardy Carnation	Pink	All Summer	No. 11—3 Achillea	White	All Summer
No. 6—3 Feverfew	White	June to Oct.	No. 12—3 Phlox	Pink	July to Oct.

36 HARDY PERENNIAL PLANTS, THREE EACH OF TWELVE KINDS, \$5.00



# 1921 ▣ INFORMATION FOR OUR CUSTOMERS ▣ 1921

## VARIETIES

This seed and plant book is for amateur growers, farmers and professional gardeners, those who seek enjoyment and profit from growing vegetables, field crops and flowers. Our list contains only the best varieties for home-garden, field and greenhouse growing; inferior varieties have been discarded. New introductions are thoroughly tested for quality, hardiness, and yield before we offer them. You may feel assured when we list a new vegetable, flower or field seed, that it is worthy of trial.

## QUALITY

The seeds, plants, shrubs, roses, and trees we sell are of the finest strains obtainable. Those varieties we do not produce ourselves are grown for us by the best American and foreign specialists—experts in the growing of certain kinds of vegetables and flowers. We sell only the highest grade of seed. Your seeds for the garden are of the same fine strain that we furnish the man who grows for market, under glass. Please remember what we have said about quality. You must plant the finest seeds you can get to grow the best flowers and vegetables.

## SERVICE

Now, about carefully filling your order and getting it to you when you want it. This is just as important to you as planting the best varieties and the highest quality seed. Our experience, personal attention, and modern equipment make careful filling and prompt shipment of your order positively certain. We have combined these three things: Best varieties, highest quality, prompt shipments. All are necessary for the greatest success in your field or garden. Let us prove it to you this season.

## TERMS TO CUSTOMERS AND DIRECTIONS FOR ORDERING

**Terms.** Cash with order or one-third the amount with the order, balance before shipment.

**How to Send Money.** At our risk, by express or post office money order, draft, personal certified check, or registered letter. When money order cannot be obtained, letters containing currency should be registered.

**Free Delivery Offer.** We deliver, postpaid, to any post office in the United States, vegetable and flower seeds in packets, ounces, half pounds and pounds, except as noted in this catalog. Bulk seeds, heavy plants, shrubs, roses, fruit bushes, and trees are sent by express or freight, except as otherwise noted. To customers not living near an express office, small fruit plants, roses, bulbs, roots, shrubs and hardy plants will be sent by Parcel Post at an additional cost, which you must add to the value of each order for these items, as follows:

To all points east of the Mississippi River, 10 per cent. extra.

To all points west of the Mississippi River, 20 per cent. extra.

**Packing.** We make no charge for boxing or packing, except on orders of one bushel or more of seed, when 60

cents should be added for cost of seamless 2-bushel sack. This will be refunded on return of the bag.

**Order Early.** We can give better service on orders sent in before the spring rush. Orders for seeds are filled at once. Plants, shrubs, trees, etc., are sent when all danger of their freezing is past, or, in our judgment, at proper planting season, unless otherwise advised by you.

**Safe Arrvial.** We guarantee safe arrival of seeds, plants, trees, shrubs, etc., sent by mail and express, to all points within the United States. Claims for damages must be made on receipt of goods.

**We Guarantee** our seeds, plants and trees to grow under favorable circumstances. Since there are so many conditions upon which the crop depends, we give no warranty, expressed or implied, as to description, quality, or productiveness, and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once and money refunded. The success of our business depends upon our being able to please you and make your plantings a success. We will do our part by sending you the very best stock that can be grown.



Greenhouses on our "Hillside Farm," Fairport, N. Y. Here we grow our Perennial Plants, Roses and Shrubs.



# SEEDS OF HOME-GARDEN VEGETABLES

## ARTICHOKE

A perennial producing flower buds which are used for food the second year after sowing the seed. Require winter protection in the North. Sow seeds early in the spring. If sown in hotbeds in February can be grown to bud the first year. **LARGE GREEN GLOBE.** The standard variety. Packet 10c, oz. 70c.

## ASPARAGUS

One ounce will sow 100 feet;  
5 pounds to the acre

For garden culture sow seed an inch deep in drills 6 inches apart; thin the plants to about 3 inches apart. When plants are a year old, transplant to permanent beds or field, in rows 3 feet apart, and 2 feet in the row.

All varieties, packet 10c, oz. 20c

**VICK'S MAMMOTH.** (See cut.) The biggest and best variety on the market; stalks an inch and a half thick, but tender. Our seed is absolutely true, fresh and clean.

**PALMETTO.** Early, quite large, tender and of good flavor.

**COLUMBIAN MAMMOTH WHITE.** One of the late introductions. Large size; grows well under ordinary conditions.

## STRONG TWO-YEAR-OLD ASPARAGUS ROOTS

**VICK'S MAMMOTH.** 45c for 25, 85c for 50, \$1.50 per 100, \$12 per 1,000.

**PALMETTO.** 45c for 25, 85c for 50, \$1.50 per 100, \$12 per 1,000.

Add 10c for 50, or 15c for 100 when to be sent by Parcel Post; larger quantities by express, collect.

## BRUSSELS SPROUTS

One ounce will sow 200 feet and produce 3,000 plants

The small heads, resembling cabbage, are formed along the stalk. Prepare like cabbage or in cream, like cauliflower. Sow seed in spring; transplant and cultivate same as cabbage, except leaves should be broken down in fall, giving heads more room to grow.

**PARIS MARKET.** Half dwarf; very fine, good-sized heads. Pkt. 10c, oz. 50c.

## CRESS

¼ ounce will sow 50 feet

**FINE CURLED or PEPPER GRASS.** Sow thickly every two weeks to have fresh plants, in rows 1 foot apart. Makes a very tasty salad. Pkt. 10c, oz. 20c.

**TRUE WATER CRESS.** This popular salad plant will grow on upland and reseed and multiply wherever the roots and stems are constantly under water. Sow seed broadcast. Pkt. 10c, ½ oz. 40c, oz. 75c.

## DANDELION

Sow seed in good loam, drills 1 foot apart; thin or transplant to 12 inches apart in rows.

**IMPROVED THICK-LEAVED.** Pkt. 10c, oz. 80c.

## BORECOLE OR KALE

One ounce of seed will produce about 5,000 plants

Used principally for greens and for garnishing. Hardier than cabbage and is improved by frost. Sow seed from May to June, and cultivate same as cabbage. For early spring use sow in September, and protect during winter.

**DWARF GREEN CURLED.** Leaves yellowish green, compact, and finely curled. Pkt. 10c, oz. 25c.

## CHICORY

One ounce to 100 feet of drill

**WITLOOF, or FRENCH ENDIVE**  
(See cut)

Sow seed in spring in open ground, ½ deep, in rows 18 inches apart; thin to 6 inches apart. Allow plants to grow until November. Take up roots and trim off leaves to about 1½ inches from the neck. Plant roots in trench 1½ inches apart and cover with 8 inches of fine soil. Here they produce an abundance of blanched leaves which make a splendid winter salad or can be cooked as greens. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

**LARGE-ROOTED, or LONG MAG-DEBURG.** Extra-large, long roots. The young leaves make an excellent salad, while the dried roots may be used as a substitute for coffee. Pkt. 10c, oz. 40c, ¼ lb. \$1.20, lb. \$4.

## CORN SALAD (Lamb's Lettuce)

A small, quick-growing salad plant for late fall, winter and spring. A substitute for lettuce and spinach. Sow in early spring for fall; in August for spring use. Mulch during winter. Pkt. 10c, oz. 20c.



"White Portugal" best for Spring Onions.

Witloof Chicory—French Endive



# GARDEN BEANS

A very popular and worthy home-garden vegetable which gives quick results after planting—Beans on the table in six weeks. Sow in spring and early summer, in warm soil, in rows 2 feet apart, seed few inches apart in row, or in hills, 6 to 8 inches apart, 3 or 4 Beans to a hill. Cultivate often.

One pound will plant 50 feet of drill

## WAX-PODDED BUSH BEANS

Prices—Pkt. 10c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, 15 lbs. \$3.00

**WEBBER WAX.** Earliest of Wax varieties. Pods long, flat, good quality. The first in the market.

**REFUGEE WAX.** Early; pods light yellow, wax-like, long, thick, round, stringless and of superior quality.

**RUSTLESS GOLDEN WAX.** (Pictured on Front Cover.)

A hardy, productive, early variety, vigorous grower. Oval, flat pods, 5 inches long; stringless, good quality.

**CURRIE'S RUSTPROOF WAX.** Grown by market-gardeners and truckers. Hardy, vigorous, productive, long, flat wax pods, tender and of good quality.

**SURE-CROP STRINGLESS WAX.** (See cut.) Fine-quality Bean for the table. Absolutely stringless, tender, sweet, and brittle. Very attractive and remains good for eating through a long season.

**BURPEE'S NEW KIDNEY WAX.** Long, flat, yellow pods of fine quality. Early and productive.

**WARDWELL'S KIDNEY WAX.** A very popular variety bearing long, flat pods, stringless and brittle.

**DAVIS WAX.** The well-known market variety. A hardy, productive, middle season Bean. Long pods, light yellow and attractive. Beans white, excellent for baking.

**BRITTLE WAX.** An early, stringless, long, round-podded Bean of good quality and color.

**PROLIFIC WAX, BLACK-SEEDED.** A productive strain of Black Wax of fine quality. Extensively used for snaps for home-garden and market. Long bearing season.

## GREEN-PODDED BUSH BEANS

Prices—Pkt. 10c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, 15 lbs. \$3.00

**KEENEY'S STRINGLESS REFUGEE.** Should be in every garden. A large grower, producing long, green, brittle, stringless pods, remaining in fine condition until nearly ready to shell.

**BOUNTIFUL.** A fine quality, early, long flat-podded, stringless Bean that is a heavy bearer.

Sure-Crop Stringless Wax

**IMPROVED STRINGLESS GREEN POD.** (See cut.) A desirable, dwarf variety for the home-garden and for market. Plants are large and productive. Pods remain crisp and tender a long time.

**DWARF HORTICULTURAL.** One of the best early dwarf garden varieties for green Shell Beans and can be used early as a green Snap Bean. Beans very large.

## BUSH LIMA BEANS

Price—Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 75c

**FORDHOOK BUSH LIMA.** Hardy, strong, erect-growing, bearing an abundance of pods containing four or five large Beans of exceptionally fine quality. A popular market and home-garden Bean, as it matures early and continues bearing until frost.

**BURPEE'S BUSH LIMA.**—(Early Wonder Strain.) This improved strain is earlier and bears larger crops of big, flat beans of fine quality than the old original variety. One of the earliest and very prolific.

## POLE LIMA BEANS

Price—Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 75c

**EXTRA-EARLY JERSEY LIMA.** Early vigorous grower; bearing large pods of beans of good quality.



Improved Stringless Green-Pod

**SEIBERT'S EARLY LIMA.** Early; vines vigorous and productive; pods are large and filled with Beans of the finest quality.

**EARLY LEVIATHAN LIMA.** Long pods, containing 4 to 5 long Beans, flat in shape, good size and excellent quality. The Beans are white and may be shelled from the pod with ease.

## POLE OR RUNNING BEANS

Pkt. 10c, ½ lb. 20c, lb. 35c, 2 lbs. 60c

**KENTUCKY WONDER, or OLD HOMESTEAD.** The best early green-podded Pole Bean for home- or market-garden. Vigorous and productive. Pods 9 to 10 inches long, of fine quality.

**EARLY GOLDEN CLUSTER WAX.** One of the best wax-podded Snap Beans for the garden. Hardy, strong-growing, productive vines, bearing clusters of 7- and 8-inch pods of fine quality; which remain in good condition for table use a long time.

**SCARLET RUNNER.** Brilliant scarlet flowers; extremely ornamental. Pods fair size; good as a Snap Bean.

**LONDON HORTICULTURAL, or SPECKLED CRANBERRY.** One of the best late green Shell Beans for home and market. High quality.



# GARDEN and FARM BEETS

One ounce of seed will sow 50 feet of drill; 5 to 6 pounds per acre

The best results are obtained on a deep, rich, sandy loam. Sow seed 1 inch deep, in drills 16 inches apart, as early as possible. If wanted very early, sow Detroit Dark Red and Crosby's Egyptian in hotbeds and transplant to open ground. Thin to stand 3 or 4 inches apart. Cultivate cleanly and thoroughly. For succession, sow at intervals until middle of July.

Prices, Garden Beets, pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75 postpaid

**CROSBY'S EGYPTIAN, H. & V. Select Strain.** Our special strain of this popular variety is better in many respects than the old one. Globular in shape, perfectly smooth, has a short top, small tap-root, and both skin and flesh are dark in color. Much earlier than all other dark-fleshed varieties. The very best early Beet for home- or market- garden.

**ROCHESTER, or CRIMSON GLOBE.** A fancy home-garden Beet, small in size, handsome dark red in color, smooth and uniformly round in shape. Flesh red, tender, and high quality.

**EARLY WONDER.** For those who want the very earliest Beet, this variety should be planted. The tops are medium short and the Beet is round with skin and flesh lighter color than Detroit.

## Detroit Dark Red Beet

The most popular and best canning Beet grown. As a second-early variety, we recommend it for the home- and market-garden. Our special strain is more uniform in shape and color than the old Detroit Dark Red. The tops and tap-roots are small and the leaves dark green, shaded red. The Beets are round, smooth, and very dark red in skin and flesh. In tenderness and sweetness they are unsurpassed. Fine for canning. Be sure and plant some H. & V. Selected Strain of Detroit Dark Red Beets. (See cut.)

## MUSHROOM

**PURE-CULTURE AMERICAN SPAWN.** Mushroom-growing is not difficult when the Pure-Culture Spawn is used. Send for cultural directions. Bricks weigh  $1\frac{1}{2}$  lbs. each. 35c postpaid. 5 bricks \$1.10, 10 bricks \$1.85, not postpaid.



Detroit Dark Red Beets

## SUGAR BEETS

Oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, prepaid

**GIANT FEEDING SUGAR BEET, or HALF-SUGAR MANGEL.** Desirable for stock-feeding not only being a very large cropper and much easier to harvest than other varieties, but also having higher nutritive value, being especially rich in sugar. This long, ovoid Mangel, growing partly out of the ground, can be harvested and stored more cheaply than any other root-crop.

**WANZLEBEN.** Large, heavy roots, containing a high percentage of sugar; a heavy yielder and easy to dig.

## MANGEL-WURZEL

Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c, postpaid

Also called Mangel; Cattle and Field Beet. May be grown in almost any soil, but deep loams are necessary for heavy yields of the long varieties.

**GOLDEN GIANT. LONG RED. GOLDEN TANKARD.**

## SWISS CHARD or SPINACH BEET

One ounce will sow about 75 feet of row

**GIANT LUCULLUS.** (See cut.) A vegetable of many fine qualities not well known in the home-garden, but which should be more widely planted. Grown exclusively for the numerous, fleshy, tender leaves and leaf stalks, which, for use as greens are superior to those of other Beets. Later in the season the wax-like leaf-stems are cooked like asparagus or are pickled. Seed planted early in the spring will produce plants from which cuttings may be made all summer, as you can cut right down to the ground, and new shoots will spring up and make a fast growth. Every garden should have a few rows of this desirable vegetable. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

**LARGE-RIBBED SILVER BRAZILIAN.** Light colored leaves in great abundance. Mild flavor. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

## HORSE-RADISH

**NEW BOHEMIAN.** Superior to the common variety. Roots only. 40c per doz., \$2.00 per 100.

## MUSTARD

**OSTRICH PLUME.** Long foliage frilled like an ostrich plume. Better than other varieties for salads. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c.

**GIANT SOUTHERN CURLED.** A favorite in the South where it is grown for spring salads. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 50c.



Giant Lucullus Swiss Chard





# CABBAGE

Sow 1 ounce for 3,000 plants; 4 ounces for an acre

The seed we offer is absolutely new stock from the best professional growers. A heavy, moist, rich loam, thoroughly cultivated, highly manured and worked deep is most suitable to Cabbage. Early Cabbage should be started under glass in March, and transplanted 24 inches apart in rows 2 feet apart as soon as ground outside can be prepared.

For late plants, sow in drills in open ground in May; transplant in July. Protect against insects by dusting.

## Early Varieties

**EARLY JERSEY WAKEFIELD.** This fine variety is the earliest and surest heading of first-early Cabbage for home- and market-garden. A hardy, compact, erect grower, with few outer leaves, which permits close planting, short stem; medium-sized, solid, pointed, uniform heads of fine quality. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 45c,  $\frac{1}{4}$  lb. \$1.35.



Chinese or "Celery" Cabbage

## Red Varieties

**EARLIEST ROUND RED.** Heads large, solid, handsome, dark red in color and of delicious flavor. Planted in April, the heads are ready for use in July. Pkt. 10c,  $\frac{1}{2}$  oz. 50c.

**MAMMOTH ROCK RED.** The largest and surest heading Red Cabbage. Heads round and remarkably solid. Much used for cold-slaw and pickling. Pkt. 10c,  $\frac{1}{2}$  oz. 40c, oz. 70c,  $\frac{1}{4}$  lb. \$2.00.

## PERFECTION DRUMHEAD SAVOY

The best of the main-crop and late Savoys for the home- or market-garden. Outer leaves are large, thick, fleshy and densely crumpled. Heads large, round, sweet, and tender. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 45c,  $\frac{1}{4}$  lb. \$1.50.

## PE-TSAI, CHINESE or CELERY CABBAGE

Grows like Cos lettuce. When outside leaves are stripped away, it presents an appetizing picture—cool, crisp and inviting, of lettuce and celery combined. Unequaled for cold-slaw and salad. It is tender and mild in flavor. When cooked like cabbage, it surpasses it in many ways. Sow seed in July, in rows 15 inches apart, and thin same as lettuce. Heads 120 days from sowing. Pkt. 10c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00.



Danish Ballhead

**COPENHAGEN MARKET.** Our strain of this fine variety comes to us direct from its originator. It is the most popular, early, round-headed Cabbage among home- and market-gardeners. Plants vigorous, with short stems. Heads large, solid, light green, round, and of excellent quality. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50.

## Second Early Varieties

**EARLY SUMMER.** A large, solid, flat-headed Cabbage with few outer leaves, permitting close planting. A good keeper. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 45c,  $\frac{1}{4}$  lb. \$1.45.

**GLORY OF ENKHUIZEN.** A large, solid, round-headed Cabbage of vigorous growth and fine quality. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 45c,  $\frac{1}{4}$  lb. \$1.45.

**SUCCESSION.** A sure-heading, large, deep, firm, short-stemmed Cabbage of high quality. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25.

**ALL SEASONS.** One of the most desirable Cabbages for kraut. Sure-heading, large, smooth, round, and very solid. Remains a long time in condition for use. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 45c,  $\frac{1}{4}$  lb. \$1.35.

**ALL HEAD EARLY.** Largest heading, second early, very solid, withstands hot, dry weather. Good keeper. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 45c,  $\frac{1}{4}$  lb. \$1.50.

## Late Varieties

**SUREHEAD.** A most reliable, main crop, sure-heading, hardy, late Cabbage, for northern latitudes. Used largely for the late home market and for shipping. Heads large, broad, thick, somewhat flattened, compact, solid, and of fine quality. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25.

**DANISH BALLHEAD.** Our stock is fresh, direct from its originator in Denmark. There is no finer strain of Danish Ballhead. It is a sure-heading, solid, good quality, long-keeping Cabbage, desirable for distant markets and for late spring use. A hardy, vigorous sort that resists cold and stands dry weather well. Heads are round, exceptionally solid, with short stems. Cabbage grown from our special strain of this variety runs larger and more uniform than from most other stocks. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 45c,  $\frac{1}{4}$  lb. \$1.35.



Copenhagen Market





## CARROTS



One ounce will sow 100 feet of drill; about 3 pounds for an acre

Any good land, thoroughly worked, will produce a satisfactory crop of Carrots. Sow as early in spring as possible, though good crops may be grown from seed sown as late as the middle of June. For table use, sow smaller kinds early, in rows 16 inches apart; for field-growing, in drills, 18 to 24 inches apart. Cover  $\frac{1}{2}$  to 1 inch deep and press soil down firmly above seed. Thin 2 to 6 inches apart, according to size of variety. We pride ourselves on the quality of our Carrot seed. No better strain is to be had in our Chantenay Stump-rooted, Danvers Half-long, and our Half-long Nantes Scarlet.

**EARLY FRENCH FORCING.** For those who want a very early fancy, tender, round, sweet Carrot for forcing or for early growing outside, Early French Forcing cannot be equaled. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$1.75.

**HALF-LONG CORELESS NANTES, H. & V. Special Strain.** A popular, half-long, short-topped, early variety, very popular in home- and market-gardens. A smooth, bright orange, cylinder-shaped Carrot whose flesh is orange, center yellow, and very tender throughout. Quality very fine. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

**CHANTENAY, STUMP-ROOTED, H. & V. Special Strain.** (See cut.) A medium early, half-long, smooth, thick, slightly tapered variety. One of the best in quality for the home- and market-garden. It is easily harvested and a desirable field sort. Flesh is crisp, tender, and deep orange-red in color. Extensively used for bunching. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**GUERANDE, or OXHEART.** A good variety on soils too hard and stiff for the longer-rooted kinds. It is 4 to 5 inches

long, very thick, ending in a small tap-root. Bright orange, fine-grained, and sweet. When young are desirable for table use; when mature for stock feeding. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**DANVERS HALF LONG, H. & V. Special Strain.** A wonderfully productive, second-early Carrot for the home-garden and for field-culture. Adapts itself to all classes of soil. A deep orange, tender Carrot of good quality, 6 to 8 inches long, with a blunt point. Has yielded 25 to 30 tons to the acre. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**IMPROVED LONG ORANGE.** This late Carrot is very large, often 12 inches in length, 3 inches thick at crown, and tapering to a point. Very productive and, while most valuable for feeding stock, it is also good for table use when young. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**LARGE WHITE BELGIAN.** Used for feeding cattle. Roots grow partly above ground. A heavy-yielding thick Carrot which should be harvested before frost. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.



Chantenay Stump-Rooted Carrot

## CAULIFLOWER

For early Cauliflower, sow seed under glass in January or February and transplant to coldframes, 2 or 3 inches apart each way. Set in open ground early in the spring in rich, warm, moist loam. Water freely in dry weather, especially when plants are heading. For main crop, sow seed in June; set out young plants the latter part of July. After heads have begun to form, draw leaves over and tie to protect from the sun and to keep them white. Cut while heads are compact and firm. Protect from insects by dusting or spraying with tobacco dust or kerosene emulsion.

Our Cauliflower seed is grown especially for us in Denmark, where the best seed is produced. One ounce of seed will produce about 2,000 plants if sown in the open ground, 3,000 plants if sown in frames.

**EARLY SNOWBALL.** An extremely early, dwarf variety, most desirable for the home-garden. Admirably adapted for forcing or wintering over for early crop; also one of the best for late summer or fall crop. Heads medium to large, solid, compact, round, and very white. Pkt. 15c,  $\frac{1}{4}$  oz. 75c,  $\frac{1}{2}$  oz. \$1.25.

**EXTRA-EARLY DWARF ERFURT.** Medium-early; gives excellent results in home- and market-gardens. Similar in most respects to early Snowball. Pkt. 15c,  $\frac{1}{4}$  oz. 75c,  $\frac{1}{2}$  oz. \$1.25.

**DANISH GIANT, DRY-WEATHER.** Will grow in sections where other sorts fail. Heads extra large, firm and one of the best sorts for the market-gardener. Pkt. 20c,  $\frac{1}{4}$  oz. 85c,  $\frac{1}{2}$  oz. \$1.50.

**LARGE LATE ALGIERS.** Late, sure to head, of excellent quality and popular with market-gardeners. Pkt. 10c,  $\frac{1}{4}$  oz. 45c,  $\frac{1}{2}$  oz. 80c.

"Your strain of 'Chantenay Stump-Rooted Carrot' is the finest I ever grew. I think every seed germinated and produced a perfect root. Let me also congratulate you on your 'Bush Summer Crookneck' and 'Improved Hubbard' squash."

JOHN McCALLION, Geneseo, N. Y.



Early Snowball Cauliflower





## CELERY



One ounce of celery seed will produce about 7,000 plants

Celery seed is very slow in germinating and should be sown in March in flats under glass and kept moist. When plants are 2 inches high, thin out and transplant to stand 3 inches apart each way. When 5 inches high, set out, 6 inches apart, in trenches 6 inches deep. Cut off outer leaves and press soil firmly about roots. Cultivate thoroughly. When full grown, blanch by mounding gradually with earth or by pressing stems together by boards on both sides of row. For winter storage, take up the plants with roots and place upright on wet soil in a dark cellar or root-house, packing closely.

### GOLDEN SELF-BLANCHING

Grown for us in France by the originator of this famous and popular variety

The standard, early, dwarf Celery. Our Special Strain is a very rapid grower, suited for either early or late planting. Excellent for the home-garden. Its self-blanching qualities, color, crispness, tenderness, freedom from stringiness and fine nutty flavor make it a very popular and superior celery. Pkt. 10c, 1/2 oz. 60c, oz. \$1.00, 1/4 lb. \$3.50.

**EASY BLANCHING.** A new celery resembling Golden Self-Blanching but the leaves are green and stalks blanch white instead of yellow. Stalks of same form and heavy heart as the Golden and blanch very quickly. A very fine celery for fall and winter use. It keeps well, has fine quality, is crisp, solid and stringless. Pkt. 10c, 1/2 oz. 40c, oz. 75c, 1/4 lb. \$2.50.

**COLUMBIA.** A second-early, green Celery of fine quality, popular with home- and market-gardeners. It is extensively grown for shipment. A heavy, stocky plant, blanching light golden yellow, crisp, and tender. We recommend this for the home and market. Pkt. 10c, 1/2 oz. 30c, oz. 50c, 1/4 lb. \$1.50.

**WHITE PLUME.** A very attractive variety. Leaves light green, shading nearly white at tips. Easily blanched. Pkt. 10c, 1/2 oz. 20c, oz. 30c, 1/4 lb. \$1.00.

**ROSE-RIBBED PARIS SELF-BLANCHING.** A medium-early Celery that when blanched is a beautiful rose-pink. Crisp, tender, and of fine flavor. Try this variety in your garden. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25.

**IMPROVED GOLDEN HEART.** A late variety, one of the best for winter storage. Outer stems clear white, with golden yellow heart, easily blanched. Pkt. 10c, 1/2 oz. 20c, oz. 30c, 1/4 lb. 85c.

**GIANT PASCAL.** A green-leaved Celery very fine for winter use for home-garden and market. Blanches a yellow white, is very solid, crisp, and tender. Pkt. 10c, 1/2 oz. 20c, oz. 30c, 1/4 lb. \$1.00.

**FRENCH'S SUCCESS.** The best keeping Celery yet introduced. Will stay all winter in perfect condition. Compact, short-stemmed growth, may be well earthed up for blanching while growing close together. Heart large and solid, blanches almost white, brittle, stringless, high quality. Pkt. 10c, 1/2 oz. 35c, oz. 60c, 1/4 lb. \$1.75.



Golden Self-Blanching Celery

**WINTER QUEEN.** A robust, stocky, easily blanched late Celery, with little foliage and big heart. It keeps well in winter and is worthy of first place for late Celery in your garden. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.25.

### CELERIAC, or TURNIP-ROOTED CELERY

**LARGE SMOOTH PRAGUE.** The standard variety for market- and home-gardens. Pkt. 10c, 1/2 oz. 15c, oz. 25c, 1/4 lb. 85c.

### EGGPLANT

One ounce will produce about 1,500 plants

Start seed under glass early in March and bring plants to a good size as rapidly as possible. Transplant when 3 inches high to 4 inches apart. As soon as weather is warm, set out in open ground, about 3 feet apart each way. Spray for beetle with arsenate of lead or Pyrox.

Pkt. 10c, 1/2 oz. 30c, oz. 50c, 1/4 lb. \$1.75

**BLACK BEAUTY.** An extra-early, strong-growing, productive variety. The fruits are large, purple black, entirely spineless, and of high quality. Holds its color a long time and is a desirable market variety.

**IMPROVED NEW YORK PURPLE.** A very productive variety popular in both home and market-gardens. Plants produce six to eight large, spineless, dark purple, oval fruits, very high quality.

### Useful Herbs

Sweet Marjoram. Pkt. 10c, oz. 30c.  
Sage. Pkt. 10c, oz. 45c.  
Dill. Pkt. 10c, oz. 20c, 1/4 lb. 50c.  
Summer Savory. Pkt. 10c, oz. 50c.

Thyme, Summer. Pkt. 10c, oz. 80c.  
Thyme, Winter. Pkt. 10c, oz. 80c.  
Lavender. Pkt. 10c, oz. 50c.



Improved New York Purple Eggplant



# SWEET CORN

One pound will plant about 100 hills or 250 feet of row

Sweet Corn can be raised on any good, ordinary soil that is thoroughly worked. Plant six kernels to the hill, which should be about 3 feet apart each way, covering seed with about 1 inch of soil firmly pressed down. Thin out to three plants in a hill. Plant in rows 4 feet apart and 12 inches apart in the row. For succession, plant every two weeks up to July 15th.

All Sweet Corn except Whipple's Early—Pkt. 10c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, postage prepaid

## GOLDEN BANTAM

The World's Most Famous Sweet Corn

Our special strain of this most famous yellow Sweet Corn, is, we believe, away ahead of any other offered. Not only has it the wonderful richness, sweetness and tenderness that make this variety so popular, but to these we have added the qualities of a larger and better filled ear and a much greater yield. In this strain you have the ideal Sweet Corn for the home-garden or market. All who know Golden Bantam will appreciate these qualities we have added to it.

**WHIPPLE'S EARLY.** A very fine, new, very early Sweet Corn with ears 7 and 8 inches long, filled with pure white, tender, sweet, juicy and very delicious kernels. This is a very early, white Sweet Corn that deserves a place in every garden. Pkt. 15c, ½ lb. 30c, lb. 50c, 2 lbs. 85c.

**EARLIEST OF ALL.** One of the most profitable varieties for the market-gardener because of its early ripening. Ears of fair size, white, tender, and sweet.

**MAMMOTH WHITE CORY.** This is one of the best early white Sweet Corns for home- and market-gardens. Each stalk bears two large, handsome ears with 12 rows of very white, tender, sweet kernels of good quality.

**GOLDEN NUGGET.** Similar to Golden Bantam but ripens about a week later when planted at the same time. Ears larger and more prolific than Bantam, of good quality and creamy yellow color. It is ready for the table when Golden Bantam is gone.

Golden Bantam, Sweetest  
of all Sweet Corn

**EARLY EVERGREEN.** About 10 days earlier than Stowell's Evergreen and equally as good in other respects.

**POCAHONTAS.** The stalks grow about 5 to 6 feet high, and nearly all produce two ears 8 to 9 inches long with 8 to 10 rows of large, pure white kernels which are deliciously sweet and tender. A fine early Corn for home use. Quality superb.

**BLACK MEXICAN.** Kernels mixed, black, blue and white, but turn white when cooked. Unusually sweet, tender, and prolific. An old-time favorite.

**STOWELL'S EVERGREEN.** The standard main-crop Sweet Corn for the home-garden or for the market. Ears are very large and filled to the tips. The sweet kernels are pure white, affording a ready sale. Remains fresh and edible longer than any other variety. For the market-gardener Stowell's Evergreen is one of the most profitable sorts.

**COUNTRY GENTLEMAN.** A fine main-crop variety, much used for home-garden, market and canning. The ears are 7 to 9 inches long, covered with irregular rows of long, slender, white kernels of excellent quality. One of the best of the later varieties.

## POP CORN

**WHITE RICE.** Ears 6 to 8 inches long, shapely, pointed kernels, resembling grains of rice. The Corn when popped is pure white. Pkt. 10c, ½ lb. 25c, lb. 40c.

**BLACK BEAUTY.** An early maturing black Corn ready for popping before any other. Pops very large and pure white. Most tender of all Pop Corns. Pkt. 10c, ½ lb. 25c, lb. 40c.

## ENDIVE One ounce of seed to 300 feet of row

One of the best salads for fall and winter use, for garnishing and for flavoring soups and stews. Sow in shallow drills, 15 inches apart; thin plants to one foot apart. For early use, sow in April; for late use, in June or July. When nearly full grown, tie outer leaves together over center to blanch heart of plant. By covering fresh plants every few days, a succession may be kept up.

Pkt. 10c, oz. 15c, ¼ lb. 45c, lb. \$1.50

**BROAD-LEAVED BATAVIAN.** Broad, twisted and waved, bright, deep green leaves with thick, nearly white midribs. The inner leaves form a fairly solid, clustering head which blanches to a beautiful creamy white; crisp and tender. Unsurpassed for salads.

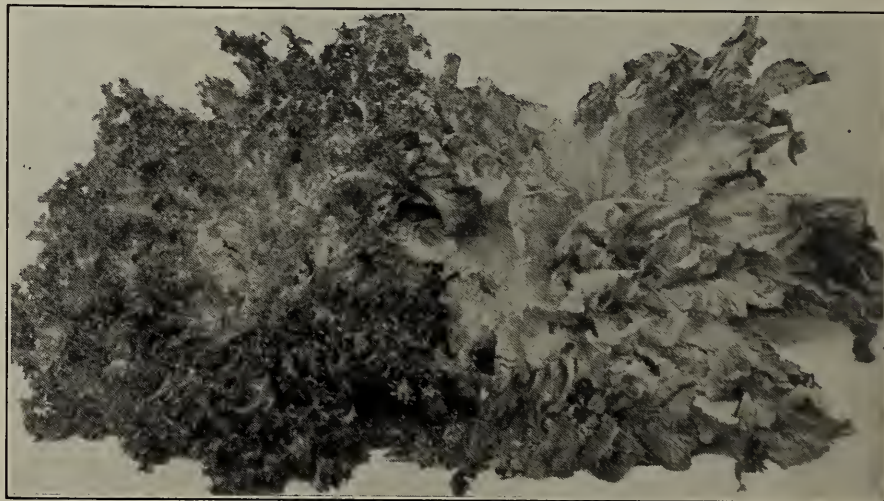
**MOSS CURLED.** Compact-growing plants, forming large, dense clusters of moss-green leaves which when blanched are creamy white, crisp, and tender.

**LARGE GREEN CURLED.** A good market- and home-garden Endive. Very hardy and vigorous. Much used for salads.

## LEEK One ounce to 300 feet of drill

A good fall and winter substitute for green onions. Sow seed early in spring, in drills 1 foot apart and 1 inch deep. Thin plants to 6 inches apart in the row. Draw earth around them as they grow so that the neck is covered and will blanch.

**MONSTROUS CARENTAN.** Extra-large, with broad, spreading leaves; excellent quality. Pkt. 10c, oz. 25c, ¼ lb. 75c.



Moss Curled and Broad-leaved Batavian Endive





## CUCUMBERS

One ounce of seed will plant about 75 hills; 2 to 3 lbs. to acre

Cucumbers should be raised in every home-garden. They can be grown to perfection with ordinary care. Plant seed when danger from frost is over, an inch deep in hills, 4 to 6 feet apart each way, dropping 8 to 10 seeds in a hill. When second set of leaves have formed, thin to four plants to a hill. Cultivate thoroughly until runners make this impossible. If plants are attacked by beetles, spray with Pyrox or arsenate of lead. Always wash fruits thoroughly before eating when these sprays are used. If foliage is attacked underneath, spray with Black-Leaf 40.

**EARLY FORTUNE.** A recent introduction and considered one of the best Cucumbers for market. Fruit is slightly tapering and about nine inches long. The firm, crisp, thick flesh is very white and has very few seeds. Early Fortune has a rich, dark green color which does not fade when shipped to distant markets. The vines are vigorous, very productive, and blight resisting. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c.

**DAVIS PERFECT.** This remarkably fine variety is suited for growing under glass as well as outdoors. The fruits are uniformly large, 10 to 12 inches, of good shape, dark green all over, and very smooth. Popular with the market-gardener. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.60.

**IMPROVED EARLY WHITE SPINE.** An early, smooth, straight cucumber of good size. Its color is dark green, seldom turning yellow. Valuable for forcing or outdoor planting. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.15.

**CHICAGO, or WESTERFIELD PICKLING.** A deep green, medium length, crisp cucumber. Very prolific. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**IMPROVED LONG GREEN.** A standard variety for slicing and largely used for pickling. The vines are vigorous and productive. The cucumbers are long, slender, dark green, with warts and spines well distributed. Popular in the home- and market-garden. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.60.

**VICK'S LEMON.** Entirely distinct in form and color from any other cucumber. Fruits round, 3 to 4 inches in diameter, marked yellow and brown; flesh pure white. Best for table use when they begin to turn yellow. Those who have grown them pronounce them superior to other varieties in quality. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 50c.

**JAPANESE CLIMBING.** This can be trained on a trellis or poles which make them ripen earlier, forming straight, handsome fruits 12 to 16 inches in length. Skin is smooth, dark green, turning to brown when ripe. Flesh is mild, crisp and pure white. Pkt. 10c, oz. 20c.



Solid, crisp and tender Deltus Cucumbers

### Deltus Cucumbers

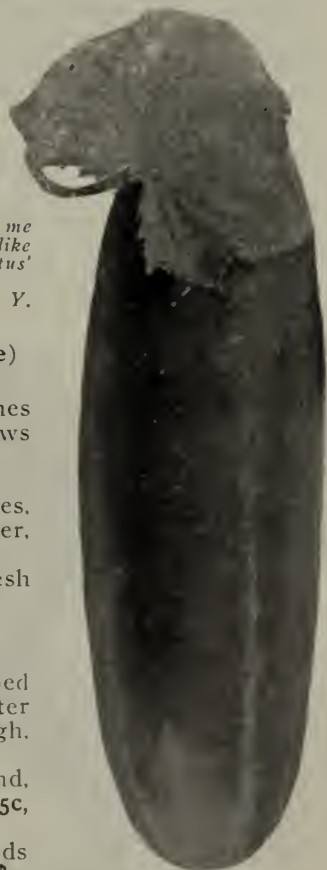
For twenty years Mr. Adelbert Titus, one of the most progressive and successful vegetable growers in Irondequoit, N. Y., a district famous throughout the country for its fine vegetable products, has been perfecting this wonderful cucumber. Mr. Titus works 30 greenhouses and is a leader in the growing of cucumbers, radish, lettuce, and tomatoes. In Deltus, Mr. Titus has produced the ideal cucumber. The vines are strong, healthy, and productive. The fruit is early, and very long, with a uniform diameter its entire length. The ends are blunt, cutting down the waste when slicing to a minimum. Skin is smooth and of a rich dark green color. Flesh is solid, crisp, tender and, with few seeds. The best variety for forcing or the garden. We are indeed fortunate in being able to offer Deltus to our friends and customers among the market- and home-gardeners. Our seed comes to us direct from the originator. It is selected from the most perfect that Mr. Titus grows. Pkt. 15c,  $\frac{1}{8}$  oz. 85c,  $\frac{1}{4}$  oz. \$1.50,  $\frac{1}{2}$  oz. \$2.75, oz. \$5.00.

Extract from a letter received  
September 7, 1920:

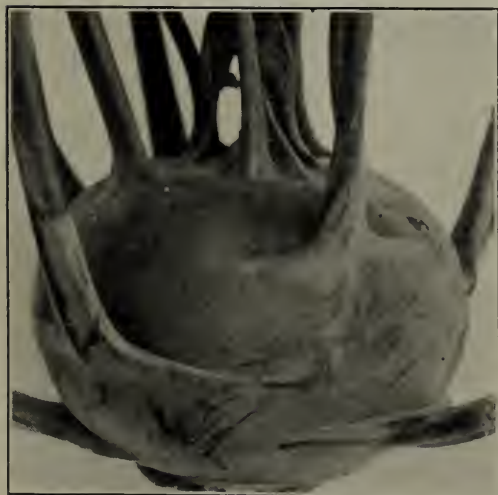
"The Deltus cucumber is a wonder, very dark, smooth, uniform in size, extra long, full at both ends and in fact the best type of cucumber I have found. I might add that while I have been very well satisfied with the ———, it does not compare with the 'Deltus' in any respect."

"How many pounds can you let me have and at what price? I would like to plant my entire acreage to 'Deltus' next season."

(Signed) J. W. BAILEY, Fulton, N. Y.



Early Fortune Cucumber



Early White Vienna Kohl Rabi

## KOHL RABI (Turnip-Rooted Cabbage)

One ounce of seed will sow about 300 feet of drill

The edible part is the bulb, which grows a few inches above the ground. Sow seed early in spring, in rows  $1\frac{1}{2}$  feet apart, and thin to 4 inches.

Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c

**EARLY WHITE VIENNA.** Standard for all purposes, market, table, or forcing. The flesh is white, tender, and has a greenish white skin.

**EARLY PURPLE VIENNA.** Skin bluish purple, flesh white and very good flavor.

## OKRA

One ounce of seed will sow about 50 feet of drill

In the North the seeds should be sown in a hotbed and the plants protected from late spring frosts after transplanting. When the plants are 3 to 4 inches high, they should be thinned to a foot apart.

**WHITE VELVET.** Free from spines; pods round, smooth, large, and productive. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

**PERKIN'S MAMMOTH LONG POD.** Dwarf; pods slender, deep green. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. \$1.





# LETTUCE



One ounce will produce about 3,000 plants or sow about 200 feet of drill

For extra-early plants, sow seed in February or March in hot-beds; transplant to open ground in April. Lettuce, to be at its best, should grow rapidly. Soil should be made as rich as possible by fertilizing and thorough preparation. For main garden crop, sow seed outdoors in a warm spot in the garden, as early in spring as possible, in drills 18 inches apart and thin plants to 4 inches apart in the row. As plants crowd, thin out and use as required. Fresh lettuce can be had all season by sowing seed at intervals of two weeks.

## Head Lettuce

### Big Boston SPECIAL STRAIN

Our Special Strain of this well-known market- and home-garden Lettuce is especially fine. It is of the same high quality which we furnish to big lettuce growers throughout the country. The plants are hardy, vigorous, sure heading, and stand a long time before seeding. The heads are large and very compact. When stripped of the outer leaves, they show creamy white, crisp, cool and tender. To grow large heads, thin to 8 inches apart when plants are 1 to 2 inches high. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

**GOLDEN QUEEN.** Forms small compact heads of tender, white and sweet leaves a week or more earlier than any other kind. Valuable for early use and for forcing. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**EARLY MAY KING, Special H. & V. Strain.** A handsome, very early, compact-heading variety for the home- or market-garden. Heads are light green, tinged with brown. Inner leaves are rich golden yellow, crisp and tender. A very popular variety with the market-gardener and does exceptionally well when planted early in the home-garden. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

**CRISP-AS-ICE.** A splendid Head Lettuce for family and home-market use. Heads are large, solid, and finely shaped. Heart is a rich creamy yellow, tender and brittle. It well deserves its name "Crisp-as-Ice." Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

**SALAMANDER.** One of the best midsummer varieties, resisting heat and drought and remaining in a heading condition longer than many others. Heads are large, of bright green color, and leaves can all be used, as they are brittle and tender. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.



Big Boston Lettuce, H. & V. Special Strain

**ICEBERG.** An unusually solid Head Lettuce. The white main ribs curve toward the center, keeping the interior thoroughly blanched. It is quick-growing and always crisp and tender, whether sown in early spring or in the hot days of summer. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**IMPROVED HANSON.** A reliable late summer Lettuce. Forms a large, compact head that remains in condition a long time. It is tender and very crisp. A good home-garden, late Lettuce whose popularity is steadily increasing. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

**NEW YORK or WONDERFUL.** Heads grow to an enormous size, very solid, often weighing 2 to 3 pounds. Quality is superb, crisp, rich and tender. A hot weather kind, fine for all seasons. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00.

## Loose Leaf Lettuce

**GRAND RAPIDS.** A very popular variety with market-gardeners. It is of very quick growth, hardy, little liable to rot, and stays in condition several days after being ready to cut. A loose-leaved variety with bright green, crimped leaves that do not wilt quickly after cutting. A good shipper. Desirable for garnishing. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

**PRIZEHEAD.** A non-heading Lettuce that is excellent for the home-garden, and is very easily grown. Leaves are bright green, tinged with brown, crisp, tender, and sweet. Too tender to ship. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

**BLACK-SEEDED SIMPSON.** This curly thin-leaved, loose-heading variety is one of the best for sowing outdoors where a tender leaf is desired. Leaves are extremely tender, ruffled, and of an attractive light yellowish green. It retains its excellent quality a long time. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

## Cos or Romaine Lettuce

Differs from the ordinary Lettuce by its narrow spoon-shaped leaves. Served in hotels as "Romaine Salad." Sow seed early in spring, in rows 18 inches apart, covering  $\frac{1}{2}$  inch deep; thin to 3 or 4 inches apart. Heads blanch better by having outer leaves drawn about them and tied. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.



Cos or Romaine Lettuce

For those who grow Cabbage, Carrots, Corn, Cucumbers, Onions, Lettuce or Farm Crops in large quantities, we have a special catalog. Write for it.



## MUSKMELON

One ounce of seed will plant about 80 hills; 2 to 3 pounds in drills to the acre

Plant, after danger of frost is past, in rich, sandy loam if possible, in hills 6 feet apart each way, placing 6 to 8 seeds in a hill and covering with about an inch of fine soil firmly pressed down; thin to four plants to the hill. Cultivate frequently. When vines are 12 to 18 inches long, pinch tips to make them branch, and spray frequently with insecticides for striped beetle.

**IRONDEQUOIT.** A fine yellow-fleshed melon. Vines are hardy and very productive. Melons are large, excellently shaped, distinctly ribbed and netted. The flesh is solid, very thick, with very small seed cavity. Rich salmon-yellow, sweet, and of a most delicious flavor. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.25.

**EMERALD GEM.** Flesh is deep salmon-yellow, thick, ripening close to the rind, juicy, melting, and highly flavored. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.50.

**ROCKY FORD.** The melons are oval, slightly ribbed, and densely covered with fine netting. Flesh is green, very sweet, and highly flavored. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.50.

**PAUL ROSE, or PETOSKEY.** A yellow-fleshed melon, slightly ribbed and densely netted. Flesh orange-yellow, sweet, fine flavor and quality. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.50.

**HONEY DEW MELON.** A variety distinct from other melons. Very large, with smooth skin, creamy white when ripe. The thick flesh is emerald-green, fine-grained, and of very sweet, sugary flavor. Rind thin but very firm and melons ship well. Ripens about two weeks later than Rocky Ford. Pkt. 10c, oz. 25c, ¼ lb. 55c, lb. \$1.75.

**BENDER'S SURPRISE.** An orange-fleshed, deliciously sweet, highly flavored melon, oval in shape, light green with coarse netting. A wonderful keeper and shipper. Very popular with and valuable to market-gardeners. Our strain of Bender is very fine. Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

**EXTRA EARLY KNIGHT.** Extremely early, medium size, oblong, skin deep green, closely netted, ribbed, flesh thick, green blending to light pink near center, very sweet. Earliest high quality melon for the north. Good shipper. Pkt. 10c, oz. 25c, ¼ lb. 55c, lb. \$1.75.

## PUMPKIN

One ounce for 25 hills; 3 pounds for an acre

**WINTER LUXURY.** Vines productive; small, slightly oval Pumpkins, golden russet in color, with fine nettings. Flesh is golden yellow. A splendid pie Pumpkin. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

**SUGAR, or NEW ENGLAND PIE.** For making pies this variety cannot be excelled. The Pumpkins are small, nearly round, light yellow in color, and very smooth. Flesh light yellow, very thick, sweet and finely flavored. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25.

**CONNECTICUT FIELD.** For stock-feeding. Almost round; light yellow; produced in abundance. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25.

**KING OF THE MAMMOTHS.** The largest Pumpkin grown. Known also as "Jumbo." Sometimes grows 2 feet or more in diameter and weighs 100 to 200 pounds. Salmon-orange skin, very thick. Pkt. 10c, oz. 15c.



Irondequoit  
Muskmelons

## WATERMELON

One ounce for about 30 hills; 4 pounds to the acre  
Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25

**COLE'S EARLY.** An early home-garden melon; nearly round; thin rind. Deep red flesh of fine quality, sweet, juicy and delicious. Too tender to ship.

**KLECKLEY SWEETS.** This variety ripens early and is considered by many the sweetest, juiciest, and most delicious of all. Skin is dark green, faintly striped. Flesh bright red, rich, crisp, and of fine flavor. A very fine oblong melon for the home-garden.

**SWEETHEART.** A very productive, vigorous-growing sort. Melons are very large, oblong, flattened at the ends and very heavy. Flesh is bright red, firm, and sweet. Remains in good condition a long time after ripening.

**McIVOR'S SUGAR.** A very large, oblong, white- and green-striped melon with rosy pink, solid, crisp, delicious flesh of fine quality.

### CITRON FOR PRESERVES

Medium-sized fruits used for preserves and pickling. Ripens in the fall and can be kept in good condition a long time. Pkt. 10c.

## POTATOES

Sack, 165 lbs.; bus., 60 lbs.; pk., 15 lbs. Prices subject to market changes

**EARLY OHIO.** Extra-early, maturing about two weeks before Early Rose, and same color. Almost round, flesh solid, cooks dry and mealy. Pk. \$1.25, bus. \$4, sack \$10.

**IRISH COBBLER.** A strong, vigorous-growing, extra-early, white, round Potato, skin light brown, with whitish netting. A very heavy cropper. Pk. \$1.25, bu. \$4, sack \$10.

**EARLY ROSE.** The old standard early variety. Oblong shape; pink skin; fine quality. Pk. \$1.25, bu. \$4, sack \$9.75.

**GREEN MOUNTAIN.** Medium late, big crops, large, flat, oval, white potatoes. Cooks white, dry and mealy. Keeps well. Pk. \$1.10, bus. \$3.75, sack \$9.50.

**NEW NUMBER 9.** Productive, late- or main-crop variety. Flattish oval in shape; very large, solid, heavy; smooth skin, excellent quality. Pkt. \$1.10, bus. \$3.75, sack \$9.25.

**SIR WALTER RALEIGH.** A main-crop variety that produces an extremely large crop of round, slightly flattened tubers, smooth, white-skinned, very attractive in appearance. Flaky, snowy when cooked and of fine flavor. Pk. \$1.10, bus. \$3.75, sack \$9.25.



# ONIONS

One ounce of seed for 200 feet of drill; 4 to 5 pounds to an acre

Early in the spring sow seed in rich soil in rows 10 to 15 inches apart, covering  $\frac{1}{2}$  inch deep and firming earth well down. When plants are well started, cultivate and weed. Thin to 1 inch apart in row as spring Onions are required for table. For very early crop sow seed in coldframe in February and transplant when large enough to handle.

## Danvers Yellow Globe, *Special Strain*

Our Special Strain of this well known and popular market- and home-garden Onion is very fine. The seed is selected from the finest types of the true globe-shaped bulb. Danvers Yellow Globe is extensively used as a main-crop yellow Onion for the home- and market-garden. It is fairly large in size, uniformly globe-shaped, with small neck, and ripens very evenly. Skin is rich coppery yellow. The creamy white flesh is crisp, mild, and excellently flavored. Keeps well and is excellent for shipping. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25.

**SOUTHPORT YELLOW GLOBE.** A hardy, productive variety, large and globe-shaped, rich yellow color; ripening evenly and keeping well. Flesh creamy white with a mild, excellent flavor. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.

**SOUTHPORT WHITE GLOBE.** A pure white Onion of enormous size. A good shipper and better keeper than most white sorts. Flesh is white, remarkably firm and solid. Very attractive when cooked. A very good white, main-crop, home-garden Onion. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.75.

**SOUTHPORT RED GLOBE.** One of the handsomest and most richly colored of all red Onions. Very large and uniformly globe-shaped. Skin is smooth; flesh white, with tinge of purple. An excellent keeper. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 85c, lb. \$3.25.

**PRIZETAKER.** The largest of all Onions, often 15 to 18 inches in circumference. A very desirable fall and early winter variety. Skin is thin, bright straw-yellow; flesh pure white, crisp, mild, and sweet. Our strain of this variety is American-grown and we can recommend it to our friends and customers among the market- and home-garden growers. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.

**LARGE RED WETHERSFIELD.** This is the standard red variety for the home-garden and for market. Large, flat, yet quite thick Onions, with deep purplish red skin. Flesh light purplish white, rather strong, but with pleasant flavor. Hardy; productive. A good keeper and very popular. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.

**WHITE PORTUGAL.** Very popular as a pickling Onion, for use in salads, and for bunching. Medium size, mild flavor, and beautiful, clear white skin. Plant this sort in your garden for "spring Onions." Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 80c, lb. \$3.00.

## PARSLEY One ounce of seed for 150 feet of drill

Used for garnishing and seasoning soups and stews. Sow seed early in spring, in rows a foot apart, covering  $\frac{1}{2}$  inch deep with fine soil, well pressed down; thin plants to 8 inches apart in the row. The seed is slow in germinating. Frequent cutting of the leaves will greatly improve the new growth.

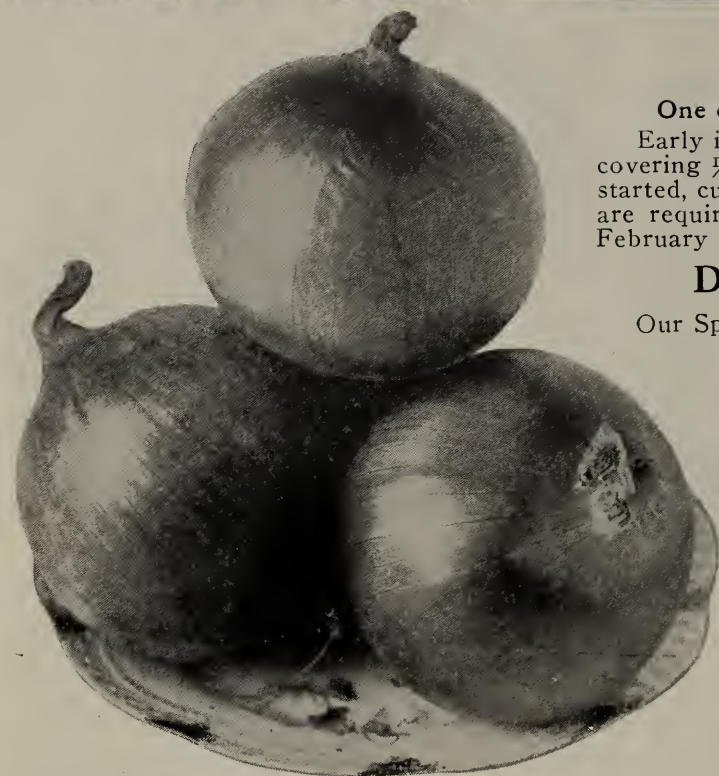
Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50

**EXTRA TRIPLE CURLED.** Pale green leaves, closely crimped and curled; dwarf and compact.

**CHAMPION MOSS CURLED.** A vigorous sort, leaves dark green, very finely cut, crimped and curled. Good variety for home- and market garden.

**TURNIP-ROOTED, or HAMBURG.** The roots, which are the edible part, are used for flavoring soups and stews; they resemble a small parsnip, both in color and shape. They can be cut late in the fall and stored in sand for winter use.

**PLAIN-LEAVED PARSLEY.** Dark green, smooth leaves.



Danvers Yellow Globe Onions

**WHITE QUEEN.** A rapid-growing, extra-early, pickling onion, of mild flavor. Very white-skinned and of good quality. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 80c, lb. \$3.00.

**AUSTRALIAN BROWN.** An extra long-keeping, sure-cropping, extra-early sort with reddish brown skin. Flesh white, crisp, sweet, mild flavor. Large and very heavy. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.

## ONION SETS

One pound will plant 25 feet

Can be planted as soon as frost is out of the ground, in rows about 12 inches apart, putting Onions 2 inches apart.

**WHITE BOTTOM.** Lb. 40c, 4 lbs. \$1.30.

**YELLOW BOTTOM.** Lb. 30c, 4 lbs. \$1.00.

**ENGLISH MULTIPLIER.** Lb. 30c, 4 lbs. \$1.00.

Onion Sets are sent by mail postpaid.

## PERENNIAL ONION SETS

Sometimes called Egyptian Tree or Winter Onion. Perfectly hardy, remaining year after year without protection; bulbs produced at top of stalks. Must be set in August and early fall. Lb. 35c, 4 lbs. 75c, 8 lbs. \$1.25.

## SALSIFY One ounce for 50 feet of drill

One of the most desirable winter vegetables. The roots when cooked are very palatable and nutritious and are served in a variety of ways. The flavor is similar to oysters. Salsify succeeds best in a light, well-enriched soil. Sow early and quite deep, giving the general culture recommended for parsnip. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring, as they deteriorate rapidly after growth commences.

**MAMMOTH SANDWICH ISLAND.** This variety is large and strong-growing, with long, smooth, white, tapering roots, and is less liable to branch than the other sorts. The tops are grassy. It is invaluable for market gardeners' use. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c.





## PEPPERS

One ounce of seed for  
about 1,200 plants

Peppers are rapidly coming into popularity. They are used largely for seasoning meat and vegetable dishes, as well as for salads and mangoes; also used for making chow chow and chili sauce.

Culture same as for eggplant. Sow seed early in hotbed; transplant when all danger from frost is over into rows about 2 feet apart, plants 2 feet apart in the row. Cultivate and keep free from weeds.

**CHINESE GIANT.** Largest of all Peppers; mild, bright scarlet, flesh thick and sweet. A popular table variety for making "stuffed peppers" or "mangoes." Plant strong-growing and productive. Pkt. 10c,  $\frac{1}{2}$  oz. 45c, oz. 80c,  $\frac{1}{4}$  lb. \$2.50.

**LARGE BELL, or BULLNOSE.** A bright crimson Pepper of large size, with a thick, mild flesh of excellent quality. It is early and ripens uniformly. Large Bell is used in salads and mangoes or stuffed peppers when green. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 50c,  $\frac{1}{4}$  lb. \$1.75.

**RUBY GIANT.** A very productive, early Pepper, popular with the market-gardener; at the head of the market varieties. Large in size, mild and sweet. Pkt. 10c,  $\frac{1}{2}$  oz. 45c, oz. 80c,  $\frac{1}{4}$  lb. \$2.50.

**HARRIS' EARLIEST.** The earliest and most prolific sweet Pepper. Very large; mild, sweet; solid, bright red. Plants dwarf, compact, literally covered with fruit. An immense number of Peppers can be produced on a small amount of land. Pkt. 10c,  $\frac{1}{4}$  oz. 50c, oz. \$1.50.

**SWEET MOUNTAIN, or MAMMOTH.** A popular variety much like Large Bell, except that it is larger. Flesh very thick and sweet. Pkt. 10c,  $\frac{1}{2}$  oz. 35c, oz. 60c,  $\frac{1}{4}$  lb. \$2.00.

**PIMENTO.** One of the sweetest Peppers grown, and very popular as a table variety. Largely used for canning. The flesh is very solid, thick, very mild, and of excellent flavor. Fruits are deep green when young, becoming deep red as they mature. A good home-garden variety. Very productive. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 50c,  $\frac{1}{4}$  lb. \$1.75.

**LONG RED CAYENNE.** A long, pointed, twisted Pepper, deep green when young, bright red when ripe. The flesh is extremely strong. A late variety. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 50c,  $\frac{1}{4}$  lb. \$1.75.

Hart & Vick:

Nov. 16, 1920.

Dear Sirs—I tried a few pounds of your Danvers Yellow Globe Onion seed this year and was so well pleased with it that I ordered all our seed for next year from Hart & Vick.

RAY L. SMITH.

Cato, N. Y.

Hart & Vick:

Nov. 24, 1920.

We have used Vick's Scarlet Globe Radish seed a great many years and will continue to use it, buying our seed of Hart & Vick. Can't beat it for quality.

DELL TITUS.

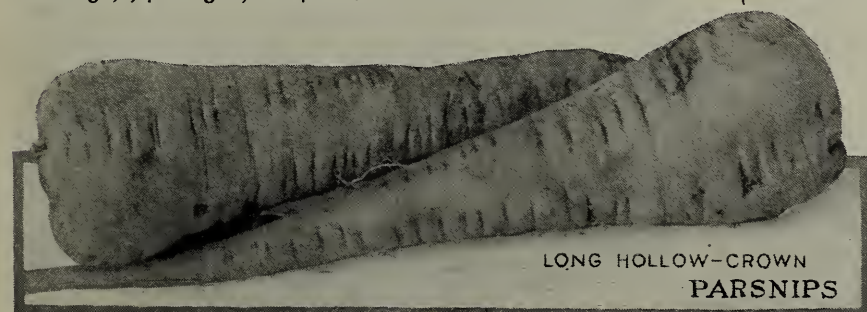
Irondequoit, N. Y.

## PARSNIPS

One ounce for 200 feet of drill;  
4 to 5 pounds for an acre

Sow early, in drills 2 feet apart; cover  $\frac{1}{2}$  inch deep and press soil firmly. Thin to 8 inches apart in the row. Cultivate frequently.

**LONG HOLLOW-CROWN.** Standard for home- or market-garden. Long, smooth, white, tender, sugary and of excellent flavor. Uniform in size and shape. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.



LONG HOLLOW-CROWN  
PARSNIPS



Harris' Earliest Pepper—Best for the Home Garden

## TURNIP

One ounce of seed will sow 200 feet  
of drill; 2 pounds to the acre

For summer use, sow seed early in spring in drills  $1\frac{1}{2}$  to 2 feet apart; cover  $\frac{1}{2}$  inch deep; thin and keep free from weeds. For succession, sow every two weeks until June.

**PURPLE-TOP WHITE GLOBE.** Flesh firm, fine-grained, sweet and mild. Medium size, globe-shaped, good keeper. Desirable for table; unsurpassed for stock. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00.

**PURPLE-TOP STRAP-LEAF.** Quick grower; valuable for spring planting; flesh and skin white, changing to purple above ground. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.

**EARLY WHITE SNOW-BALL, or SIX WEEKS.** Ball-shaped, small and smooth; white flesh and skin. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25.

**ROBERTSON'S GOLDEN BALL, or ORANGE JELLY.** The finest yellow-fleshed table Turnip; medium-sized bulb; smooth yellow skin; flesh deep yellow. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25.

**LONG WHITE or COW HORN.** Grows very quickly partly above ground; very productive; flesh white, fine-grained and sweet; of excellent quality for family use and for stock feeding. Largely used for turning under as green manure with Crimson Clover. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00.

## RUTABAGA (Swede Turnip)

Used principally for stock-feeding. Cultivation is the same as for turnips.

**WHITE SWEET (White Rock).** Solid, clear white; will keep till late in winter. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

**IMPERIAL PURPLE-TOP YELLOW.** Large; yellow, with purple top; one of the best. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.00.



# GARDEN PEAS

One pound will plant about 80 feet of drill

The extra-early, smooth varieties of Peas should be the first thing to be planted in your garden in spring. Plant wrinkled kinds a little later as they are not quite so hardy. A careful selection of varieties and planting frequently for succession will give you Green Peas fresh from your garden almost the entire season. Plant seeds in trenches 3 to 6 inches deep in rows 2 to 3 feet apart. Cover with 1 inch of soil.

Pkts., of all varieties of Peas, 10c each. We send Peas to you prepaid at these prices.

**VICK'S EXTRA EARLY.** Earliest of first-early white Peas, all maturing at same time and a single picking often secures the entire crop. Vigorous, hardy, very productive. Pods good size, containing 5 to 7 smooth Peas of good quality and flavor; 2½ feet high. ½ lb. 25c, lb. 40c, 2 lbs. 70c.

**ALASKA.** An extra-early, smooth, blue-podded, 3 inch long Pea; well filled with medium-sized bright green Peas of good flavor. Matures crop at one time. Valuable for market-gardener and canner; 2½ feet in height. ½ lb. 25c, lb. 40c, 2 lbs. 70c.

**THOMAS LAXTON.** A very early, wrinkled Pea of great merit. A good variety for the home- or market-garden. Large pods, well filled with big, dark green Peas of very superior quality. Vines vigorous, hardy, productive; 3 feet in height. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

**GRADUS, or PROSPERITY.** A very early, large-podded, wrinkled Pea. Pods are 4 to 4½ inches long, well-shaped, and very attractive. Peas of splendid quality, very large and retaining their light green color after cooking; 2 feet high. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

**AMERICAN WONDER.** A very fine, dwarf, extra early, wrinkled variety, producing quantities of pods well filled with sweet, tender and well flavored Peas; 1 foot high. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

**SUTTON'S EXCELSIOR.** A very fine, dwarf, early wrinkled Pea. Very hardy and can be planted early. Vine grows 18 inches high and bears quantities of dark green pods. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

**NOTT'S EXCELSIOR.** (See Cut.) The very best early dwarf wrinkled Pea and should be in every home-garden. Pods are medium in size. Peas for sweetness and quality cannot be surpassed. Vines hardy, productive; 12 to 14 inches high. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

**LAXTONIAN.** The largest podded of the dwarf varieties. Peas wrinkled, large, light green, and of good quality. Vines vigorous, productive; 15 to 18 inches high. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

**PREMIUM GEM.** A very productive, early, green, wrinkled dwarf variety, an improvement on Little Gem. The medium-sized pods are crowded with 6 to 8 large peas of fine quality; 15 inches high. ½ lb. 25c, lb. 40c, 2 lbs. 70c.

**LITTLE MARVEL.** An excellent early dwarf wrinkled Pea for market- and home-garden. Will produce more Peas to the vine than any other variety. Peas are of very fine quality; 18 inches high. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

**TELEPHONE.** A favorite for nearly forty years, and the standard main-crop variety. Pods are large, pointed, bright green, and filled with large, tender, sweet-flavored Peas of excellent quality. Vines are vigorous, and very productive; 4 feet high. One of the best for home- and market-garden. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

**LONG ISLAND MAMMOTH, or TELEGRAPH.** A large podded, hardy, prolific variety. Profitable as a market pea but not of high quality. Height 4 feet. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

**VICK'S DAISY.** A second-early, wrinkled sort, bearing numbers of pods well filled with extra-large finely flavored Peas. Height 2 feet. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

**IMPROVED STRATAGEM.** Pods of immense size, filled with large, dark green Peas of very fine quality. Vines hardy, strong-growing, and very productive; 18 inches high. Known everywhere as one of the choicest mid-season Peas for all purposes. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

**CHAMPION OF ENGLAND.** A standard, productive main-crop sort, one of the best and richest-flavored of the late wrinkled Peas. One of the best late varieties for home-garden or market. Height 4 feet. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

**MELTING SUGAR.** Pods are used when half-grown and cooked like snap beans. They are large, stringless, very tender, and finely flavored; 5 feet high. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

**BLACK-EYED MARROWFAT.** Strong growers, and will produce heavy crops even in unfavorable seasons. Most popular of old-time varieties for home- or market-gardens, and are prime favorites with canners. ½ lb. 20c, lb. 35c, 2 lbs. 60c.

**LARGE WHITE MARROWFAT.** ½ lb. 20c, lb. 35c, 2 lbs. 60c.



Nott's Excelsior

## VICK'S SUMMER ASPARAGUS

*"Cut-and-Come-Again"*

(See Cut.) Grows like a summer squash. Fruit oblong and deep green. Cut when not more than 5 inches long. Cook and serve same as asparagus. Cut in small pieces and creamed or when sliced and fried or used as a salad it is very delicious. Plant in hills in May and every two weeks until July. This should be in every garden. Pkt. 10c, oz. 25c, ¼ lb. 75c.



Summer Asparagus—"Cut-and-Come-Again"



## RADISH

One ounce will sow about  
100 feet of drill

For forcing, sow in hotbed or under glass in rich sandy loam. Scatter 50 to 100 seeds to the foot and cover with  $\frac{1}{2}$  inch of soil sifted on. If bed is well taken care of, crop can be marketed in 20 to 40 days. Sow in garden, as early as possible, in drills about 12 inches apart and thin to prevent crowding. A good dressing of nitrate of soda will greatly help their growth and make them tender and crisp. Successive sowings every week or 10 days will keep your table well supplied the entire season. Use "Magotite" to protect from earth maggots.

All varieties of Radish, pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50

### Vick's Early Scarlet Globe, *Special Strain*

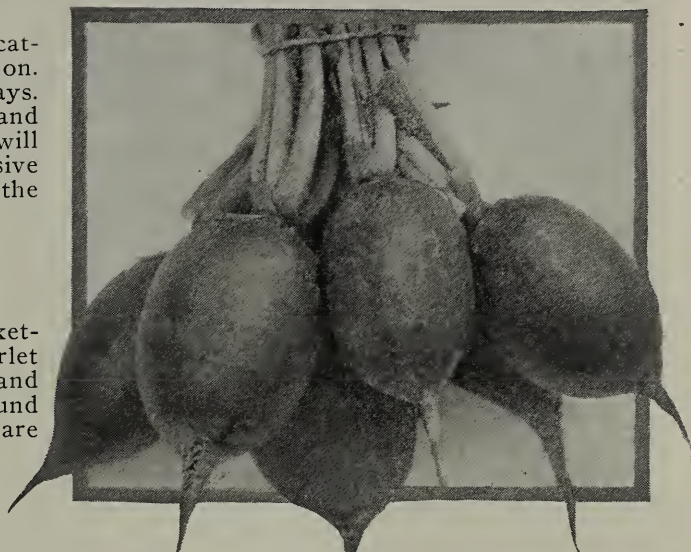
Our Special Strain of this best Radish for the home- and market-garden is very fine. The seed is selected from bulbs of the true Scarlet Globe type. It is a strain we can recommend to both market- and home-garden growers. Vick's Scarlet Globe is the best all-round Radish on the market—best for forcing; best in the garden. Tops are very small. Bulbs of our Special Strain are uniformly true globe-shaped, rich scarlet; flesh pure white, crisp, tender, juicy and mild.

**EARLY SCARLET TURNIP WHITE-TIP.** An early, round, white-tipped, bright scarlet Radish. A favorite in the home-garden. Flesh is white, crisp, juicy, and of high quality.

**COOPER'S SPARKLER.** A short-topped, globe-shaped, rosy carmine, white-tipped Radish, equally good for forcing or for garden growing. This Radish will keep in good condition longer than most varieties and can be grown the year round.

**FRENCH BREAKFAST.** An early, quick-growing, small, olive-shaped Radish. Color deep rose-scarlet, touched with pure white at tip. Excellent for growing outside or under glass.

**ICICLE.** A very attractive, pure white Radish, the earliest of the long, white summer sorts and of most excellent quality. One of the most desirable varieties for outdoor summer planting for the home-garden and market. It is also adapted for forcing.



Vick's Early Scarlet Globe Radishes

**LONG BRIGHTEST SCARLET WHITE-TIPPED.** One of the brightest and handsomest scarlet Radishes. The roots are fit for use in about 25 days and continue in good condition until fully grown. The variety has small tops and can be used for forcing as well as for the open ground.

**CHINESE ROSE WINTER.** Skin red; flesh white; good keeper.

**CALIFORNIA MAMMOTH WHITE WINTER.** Extra-large, long roots; clear white.

**ROUND BLACK SPANISH WINTER.** Black skin, white flesh.

## SQUASH

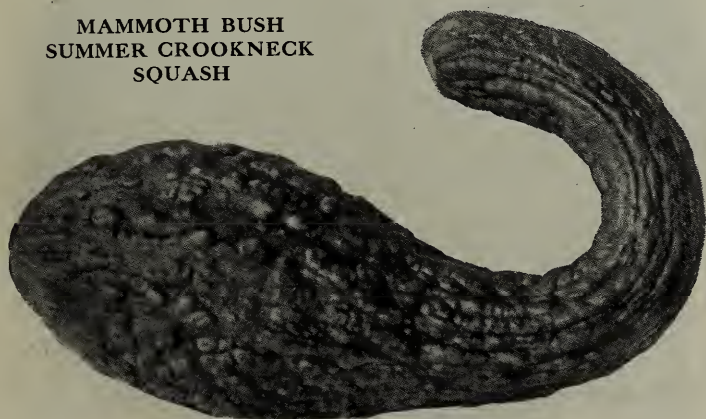
One ounce of seed for 25 hills;  
about  $3\frac{1}{2}$  pounds to the acre

Sow seed same as for cucumbers and melons, summer or bush varieties 4 feet apart each way; winter kinds 10 feet apart.

**MAMMOTH BUSH SUMMER CROOKNECK.** (See cut.) The largest and one of the earliest of the crook-neck summer Squashes. The vines are of bush habit, larger and more vigorous than Summer Crookneck. The fruits when mature are often  $1\frac{1}{2}$  to 2 feet long, with exceedingly warted surface. The color is deep yellow. Its large size and attractive color make this variety a favorite with market-gardeners as well as for home-garden use. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**WHITE BUSH SCALLOP.** A patty-pan variety; creamy white skin; flesh of extra-fine quality. Vines free bearers. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

MAMMOTH BUSH  
SUMMER CROOKNECK  
SQUASH



**HUBBARD.** One of the best of the winter Squashes. Very productive. The fruits are large, heavy and moderately warted, with a very hard shell; skin dark bronze-green; flesh bright orange-yellow, fine-grained, thick, dry, and richly flavored. This Squash can be kept in good condition until spring. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**GOLDEN HUBBARD.** Medium size, weighing from 6 to 8 pounds; in shape like the Hubbard, although in condition for use decidedly earlier. They are long keepers and can be held in good condition for spring use. The shell is moderately warted, hard, strong, and of a beautiful orange-red color. The flesh is deep orange, dry, fine-grained and richly flavored. A very superior table variety. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**FORDHOOK.** Winter variety. Shell bright yellow; flesh straw-yellow, dry and sweet, and of good flavor. Matures early, a sure and productive cropper. May be used at any stage of growth. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 60c, lb. \$2.

**DELICIOUS.** This is a fall and winter variety of medium size. Although not very thick, the shell is rather hard and strong. Usually dark green but sometimes lighter in color and mottled. The flesh is thick, very fine-grained and bright yellow in color. It is considered by many to be the best for markets where quality is appreciated, as well as very desirable for the home-garden. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 65c, lb. \$2.25.

**CHICAGO WARTED HUBBARD.** Similar to above, but with thicker flesh, deeper color, and densely warted. A good variety for winter storage. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.



# SPINACH

One ounce for 100 feet of drill;  
about 10 pounds to the acre



Bloomsdale Spinach

Most popular of plants for greens. Plant seed in rich ground, in rows 12 to 14 inches apart, and cover 1 inch deep. Thin to about 6 inches apart. Cut before hot weather, when young and tender. For early spring plants, sow seed in August or September and protect with a light covering of leaves or straw.

**LONG SEASON.** A good variety for the home-garden. Sow in early spring and follow monthly with further sowings, and the crop will be continuous throughout the entire summer, hence its appropriate name, "Long Season." The leaves are a rich dark green color, very thick, crimped and of splendid quality. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. 75c.

**BLOOMSDALE SAVOY-LEAVED.** (See cut.) A very early variety and one of the best to plant in the fall for spring use. Upright grower; thick, glossy, dark green leaves, broad, crumpled, like Savoy cabbage. Very hardy, rapid grower. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. 75c.

**NEW ZEALAND.** Unlike other varieties of Spinach, it thrives during hot weather and in any soil rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Plant three or four seeds in hills 2 feet apart each way. Germination of the seed can be hastened by soaking in warm water 24 hours. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00.

**VICTORIA.** A medium-season, large, thick, dark green-leaved sort. Plant large and compact, becoming fit for use fairly early and remaining so much longer than most other kinds. A desirable home- and market-garden variety. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. 75c.

**PRICKLY, or FALL.** A very hardy variety especially adapted for fall planting. Plant large, very vigorous, hardy, with thick, dark green leaves. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. 75c.

# TOMATO

One ounce of seed will produce  
about 2,500 plants

Sow seed in hotbeds, or in boxes in a warm room; transplant when about 2 inches high into flats or single pots and place in coldframes. Transplant to the open ground about the middle of May to June 15, setting the plants about 4 feet apart each way. To secure best results in earliness, amount and perfection, train and tie two or three of the strongest branches to long stakes; pinch off weaker ones.

**EARLIANA, Special Strain.** An extremely early, vigorous, productive variety. Fruit is large, smooth, nearly round, bright deep scarlet. Flesh very solid, bright red, with few seeds; ripens right up to the stem. A splendid canning and catsup-making Tomato. Our Special Strain of this variety is very fine; the seed is selected from the choicest and truest fruits taken from the most vigorous, healthy plants. Pkt. 10c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25.

**CHALK'S EARLY JEWEL.** A productive, early, vigorous variety, fruits large, round, scarlet red, fine quality. A very good variety for the home-garden, as fruits ripen early and can be picked through a long season. Pkt. 10c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25.

**IMPROVED STONE.** A main- or late-crop, bright red Tomato, unsurpassed for slicing and canning. Fruits are oval, deep, smooth, dark scarlet and uniform in size. Pkt. 10c,  $\frac{1}{2}$  oz. 20c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00.

**DWARF CHAMPION.** A second-early, main-crop, purplish pink variety. Vines 2 feet high, sturdy, erect-growing. Sometimes called "Tree Tomato." Abundance of good-quality fruit. Pkt. 10c,  $\frac{1}{2}$  oz. 20c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00.

**PONDEROSA.** A purplish pink main-crop Tomato of the largest size. Vines vigorous and productive. The fruits are solid, with exceptionally few seeds, fairly smooth, and considered of good quality, especially by those who prefer a Tomato quite free from acid. Desirable for slicing. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50.

**GOLDEN QUEEN.** Solid, smooth, large size, and ripens early. Makes a handsome, rich preserve. The flesh is fine-grained, tender, and of a handsome yellow color, which makes it especially attractive when sliced with the red sorts. Pkt. 10c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25.

**PEAR-SHAPED RED.** Used for preserves and to make "tomato figs." Fruits bright red, distinctly pear-shaped and excellent flavor. Pkt. 10c,  $\frac{1}{2}$  oz. 35c, oz. 65c,  $\frac{1}{4}$  lb. \$2.

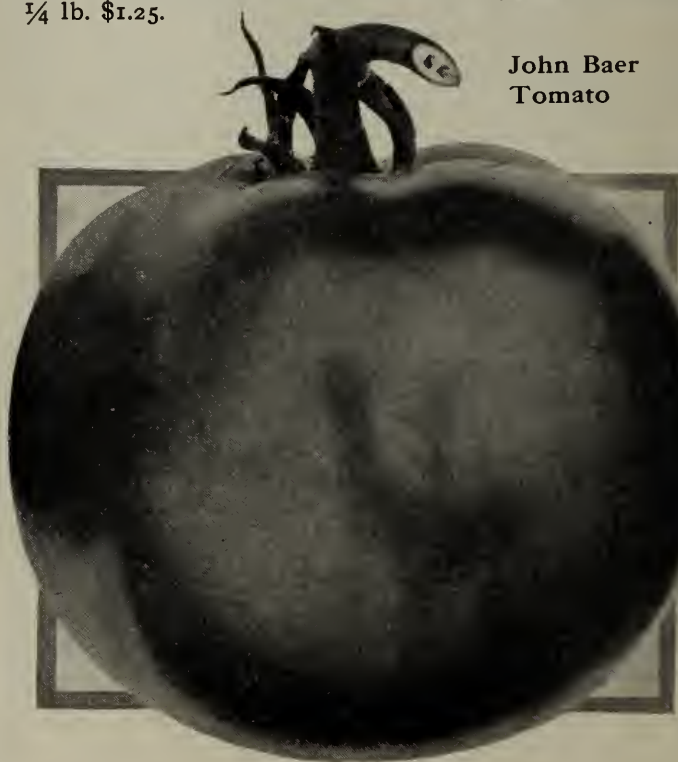
**PEAR-SHAPED YELLOW.** Pkt. 10c,  $\frac{1}{2}$  oz. 35c, oz. 65c.

**RED CHERRY.** Small fruits, brilliant scarlet. Fine for pickles and preserves. Pkt. 10c,  $\frac{1}{2}$  oz. 35c, oz. 65c.

**YELLOW CHERRY.** Pkt. 10c,  $\frac{1}{2}$  oz. 35c, oz. 65c.

**JOHN BAER, Special Strain.** (See cut.) An extra-early scarlet-fruited variety of superior merit. The vines are hardy and exceptionally productive. Fruits are the largest of the extra-early sorts and are also most attractive in color. They are nearly round, smooth, firm and of excellent quality. It is one of the very earliest to ripen, and it continues to furnish marketable fruits much longer than other very early varieties. The seed of our Special Strain of this variety is exceptionally fine. We can recommend it to home- and market-gardeners. Pkt. 10c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25.

**BONNY BEST.** An attractive early variety valuable for the home-garden and for forcing under glass. The fruits are produced in clusters, round, flattened, and ripen evenly to the stem; color bright scarlet; flesh firm, solid, and of excellent flavor. Extensively used by canning concerns. We recommend it. Pkt. 10c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25.



John Baer  
Tomato





## RELIABLE LAWN GRASS SEEDS

### HIGHLAND PARK LAWN MIXTURE

A mixture that has proven its worth by producing beautiful and permanent lawns for the city home, the public park, and the country estate. It is a careful blending of varieties that produce a thick, deep-rooted, velvety, evergreen sod that will hold the moisture and remain fresh and green during the dry season in summer.  $\frac{1}{2}$  lb. 30c, lb. 45c, prepaid; 3 lbs. \$1.15, 5 lbs. \$1.75, 10 lbs. \$3.25, 20 lbs. (bus.) \$6.00, not prepaid. No charge for bags.

### SHADY NOOK LAWN MIXTURE

This is a special mixture of varieties that will grow quickly and make a fine, rich, green grass in shaded places under trees, shrubbery, and overhanging buildings.  $\frac{1}{2}$  lb. 30c, lb. 45c, prepaid; 3 lbs. \$1.15, 5 lbs. \$1.75, 10 lbs. \$3.25, 20 lbs. (bus.) \$6.00, not prepaid. No charge for bags.

**SPECIAL SEED GRASS MIXTURES** for terraces, greens, golf-links, tennis-courts, and athletic fields. Price on application.

## FERTILIZERS for the LAWN AND GARDEN

### "GROZIT BRAND" PULVERIZED SHEEP MANURE

A light, dry, odorless, concentrated fertilizer, free from seeds and all foreign matter. "Grozit Brand" Pulverized Sheep Manure is aged for several years; it will not burn the grass or plants. Quickly dissolves and disappears from the surface when your lawn and garden is watered. "Grozit Brand" Pulverized Sheep Manure will help keep your lawn green and make your garden produce the finest vegetables and flowers.

Our "Grozit Brand" Pulverized Sheep Manure is put up in bags of the following sizes:

5 lbs.....	\$ .40	100 lbs.....	\$ 4.00
12 $\frac{1}{2}$ lbs.....	.75	500 lbs.....	17.00
25 lbs.....	1.25	1,000 lbs.....	32.50
50 lbs.....	2.25	2,000 lbs.....	60.00

For liquid manure, 1 pound to 5 gallons of water, used once a week. For greenhouse or house plants, mix one part to 10 parts soil.

Analysis of "Grozit Brand" Sheep Manure

Nitrogen 1.84 as ammonia.....	2.25
Water Soluble Potash K <sub>2</sub> O.....	3 00
Total Phosphoric Acid.....	1.25
Available Phosphoric Acid.....	0.75

#### QUANTITIES OF SEED TO USE FOR NEW LAWNS

1 lb. for 300 square ft.	25 lbs. for one-fourth acre.
5 lbs. for 1,500 square ft.	50 lbs. for one-half acre.
10 lbs. for 3,000 square ft.	100 lbs. for one acre.
15 lbs. for 4,250 square ft.	

For Old Lawns, use half above quantities to get ideal results. Sow early before withering summer heat comes on.

### PURE RAW BONE MEAL

Finely ground bone decomposes more rapidly in the soil than coarser grades, and is more quickly beneficial. Bone Meal forms an excellent permanent improvement and is less likely to waste than other fertilizers. It is safe and there is no danger of burning the plants. Lb. 15c, 5 lbs. 60c, 10 lbs. \$1.00, 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.00.

### POWDERED LIME

Promotes the growth of grass and gives it a rich color. Always beneficial to the garden, especially when the soil is at all inclined to be sour or heavy. 50 lbs. \$1.00, 100 lbs. \$2.00, 500 lbs. \$7.50, 1,000 lbs. \$13.00, ton \$24.00.

Apply 50 to 75 pounds per 1,000 square feet; 1,000 pounds to the acre on lawns; double this amount on fields

### CLAY'S FERTILIZER

This valuable imported manure is especially recommended to all who wish to bring their fruit, flowers and vegetables to the highest perfection. Bag of 56 lbs. \$8, 112 lbs. \$15.

Fruit trees, berry plants, and grapes on pages 39 and 40.

#### Quantities of Sheep Manure or Bone Meal to use for Lawns or Gardens

5 lbs. for 100 square ft.	25 lbs. for 500 square ft.
12 $\frac{1}{2}$ lbs. for 250 square ft.	50 lbs. for 1,000 square ft.
	2,000 lbs. for one acre.

Mix Grass Seed and Sheep Manure together. You will be able to get the seed sown more evenly in this way.





## FARM SEEDS

We carry a complete line of farm seeds, but, owing to lack of space, list only the kinds which are most in demand by the farmers and orchardists. For those who use seed in large quantities we publish a Growers' Catalogue. Write for it. 2½ bu. seamless bags 60c extra. Money refunded when bags are returned.

### RECLEANED GRASS and CLOVER SEED

**RED-TOP.** Sow 20 to 30 pounds per acre. Extra Fancy, recleaned solid seed. Lb. 35c, postpaid; 10 lbs. \$2.50, 50 lbs. \$11.00, 100 lbs. \$20.00.

**KENTUCKY BLUE GRASS.** Popular lawn and pasture grass. Sow 20 pounds per acre, for pasture. Fancy, recleaned seed, free from chaff. Lb. 50c, postpaid; 10 lbs. \$4.00, 50 lbs. \$19.00, 100 lbs. \$36.00.

**ORCHARD GRASS.** Makes good hay, 3 bu. to acre. Bu. 14 lbs. \$3.50.

**TIMOTHY.** Sow 10 to 12 pounds per acre. Prices on application.

**MEDIUM RED CLOVER.** Sow 20 pounds per acre.

**MAMMOTH RED CLOVER.** Prices on application.

**ALSIKE, or SWEDISH CLOVER.** One of the hardiest of all Clovers. Prices on application.

**BOKHARA, or SWEET CLOVER (White Blossom).** As a feed it ranks in value close to Alfalfa. Sow spring or fall. Prices on application.

**WHITE DUTCH CLOVER.** Much used in lawns. Sow 3 to 4 pounds to the acre. Extra-Fancy seed, lb. \$1.00, postpaid. Larger quantities, prices on application.

**ALFALFA.** Northern-grown Acclimated Seed. Purity 99.60, or better. One of the most valuable farm crops. Prices on application.

**GRIMM ALFALFA.** For hardiness and productiveness this has an established reputation. Our stock is the true Grimm Extra Fancy and thoroughly tested. Prices on application.

### MILLET

**JAPANESE.** An ideal ensilage mixture may be composed of two parts of this Millet to one part of soy beans, when filling the silo. Sow 1 bushel per acre. Lb. 25c, postpaid.

**HUNGARIAN.** Quickest of catch crops for hay, and may be sown any time up to August. Sow 1 bushel per acre. Lb. 20c, postpaid.

**GOLDEN.** Larger than Hungarian, much heavier crop but later, not so quick growing. Sow before July, 1 bushel per acre. Lb. 25c, postpaid.

### BARLEY

**BEARDLESS.** Free from beards, easier to thresh, safer to feed. Early, hardy and vigorous. Bu. 48 lbs. \$2.50.

### BUCKWHEAT

**JAPANESE.** More generally grown than any other. Ripens a week earlier than Silver Hull. Straw is heavy and a very heavy yielder. Branching plants with very large kernels. Prices on application.

**SILVER HULL.** A favorite with millers on account of the white flour it produces. Later than Japanese. Light gray kernels. Prices on application.

### SUNFLOWER

**MAMMOTH RUSSIAN.** May be grown to advantage on waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive, as the heads sometimes measure 18 inches in diameter. Plant 5 pounds to acre. Lb. 40c, postpaid. By express or freight, at purchaser's expense, 5 lbs. \$1.20, 10 lbs. \$2.30, 50 lbs. \$10.50, 100 lbs. \$20.00.

### BIRD SEEDS

**CANARY.** Lb. 20c, 10 lbs. \$1.80, 50 lbs. \$7.00.

**RAPE.** Lb. 25c, 10 lbs. \$2.15, 50 lbs. \$8.25.

**HEMP.** Lb. 25c, 10 lbs. \$1.80, 50 lbs. \$7.00.

**SUNFLOWER.** Lb. 25c, 10 lbs. \$2.30, 50 lbs. \$10.50.

At Pound Prices Prepaid to You

### RAPE

**DWARF ESSEX.** An ideal sheep-feed, easily grown. One acre will pasture 36 head of sheep 2 months. Broadcast 5 pounds to acre; drilled 2 pounds. 5 lbs. 90c, 10 lbs. \$1.60, 50 lbs. \$7.50.

### VETCH

**VETCH, HAIRY or WINTER.** As winter cover crop it prevents washing or leaching of soil and at the same time enriches it. Sow 60 pounds per acre. Lb. 35c, 60 lbs. (1 bu.) \$15.00.

### SOJA BEANS

An ideal crop for turning under, feeding as hay or ensilage when mixed with corn. Sow ¾ bu. to acre. Write U. S. Dept. Agri. for Bulletin 372 full information. 5 lbs. 95c, 10 lbs. \$1.75, 100 lbs. \$12.00.

### ROBUST PEA BEANS

A vigorous growing, heavy bearing, absolutely rust-proof Pea Bean. Free from "Mosaic" disease and root-rot. Endorsed by Cornell. Our seed grown from plants hand selected by Prof. G. P. McKostie of Cornell Agri. Exp. Sta.

Bu. 60 lbs. \$8.00

### COW PEAS

**WHIPPOORWILL.** The most popular variety. It grows very rapidly and matures early, so is valuable for the north. Use 1 bushel of seed per acre. Lb. 25c, 60 lbs. (bu.) \$8.50.

### CANADA FIELD PEAS

These peas are grown principally for their vines which make hay equal to the best clover hay. It is as easily cured as clover and will yield large crops. Sow early in the spring. Peck \$1.25, bu. (60 lbs.) \$4.50, bag (2 bu.) \$8.50.

### WELCOME OATS

This heavy, white, branching oat, developed by the New York State College of Agriculture, where tests with other varieties gave it the highest yield per acre, has given the greatest satisfaction wherever it has been grown. Welcome is very early, vigorous and wonderfully productive. The seed we offer has been very thoroughly cleaned, is free from all impurities and of very high quality. Bu. (32 lbs.) \$2.25, 5 bu. \$10.00.

### CORN

**TWELVERO.** A selected, 12 rowed, yellow flint Corn. Large ears, deep kernels, small cob. Yields greater than any other flint corn we know of. Matures early. Stalks grow 7 to 8 feet high and are well covered with leaves. We recommend Twelvero to those who want a specially good state Corn. We advise early orders as our stock of this variety is not very large. Bu. (56 lbs.) \$3.50.

**IMPROVED LEAMING CORN.** For ensilage or fodder. Pk. \$1.00, bus. (56 lbs.) \$2.50.

**PRIDE OF THE NORTH CORN.** Yellow Dent. Pk. \$1.10, bus. (56 lbs.) \$2.50.

**GENESEE VALLEY, or LONGFELLOW CORN.** An 8-rowed yellow Flint that is well known and popular. Ears unusually long, often 12 to 15 inches; cob small, with closely set kernels. Pk. \$1.00, bus. (56 lbs.) \$3.00.

**TOBACCO — WHITE BURLEY, CONNECTICUT SEED-LEAF, HAVANA.** Each, pkt. 10c, oz. 40c.

**SPRING WHEAT.** Prices on application.



## SEEDS OF ANNUAL FLOWERS

Our list of Annual Flowers, those that bloom the same year the seed is sown, does not cover every variety, but it does describe the best kinds for garden planting. We believe that a list of the best well-known standard Annual Flowers and those new varieties, or Novelties, as they are often called, that are really worth planting, is what the amateur gardener wants. Our seed is the best that can be grown, carefully tested for quality before selling, and, with ordinary care, will give good results.

### AGERATUM (Floss Flower)

Dwarf, compact-growing plants 6 to 12 inches high, flowering freely throughout the season from spring-sown seed; splendid for bedding, edgings, or pots.

**LITTLE DORRIT.** Produces a multitude of sky-blue flowers. Pkt. 10c,  $\frac{1}{4}$  oz. 25c.

**BLUE PERFECTION.** Plants almost uniform in height; flowers deep amethyst-blue. Pkt. 10c,  $\frac{1}{4}$  oz. 35c.

**LITTLE BLUE STAR.** Dwarf, tiny bush 4 to 5 inches high, densely covered with bright blue flowers, very fine for edging. Pkt. 25c.

**IMPERIAL DWARF WHITE.** 8 inches. Pkt. 10c.

### ALYSSUM (Madwort)

Pretty little plants for beds, vases, baskets, edging or rock-work, blooming profusely all summer; useful also for winter flowering. Very sweetly scented.

**LITTLE GEM.** Dwarf, compact, not over 6 inches high. Covered with fragrant white flowers the entire summer. Pkt. 10c,  $\frac{1}{4}$  oz. 25c, oz. 75c.

**CARPET OF SNOW.** This variety forms a close mat completely covering the ground with white bloom. Pkt. 10c,  $\frac{1}{4}$  oz. 35c, oz. \$1.00.

**SWEET.** The popular old-fashioned sort; the best for broad edges and vases. Pure white; height 6 inches. Pkt. 10c,  $\frac{1}{4}$  oz. 15c, oz. 50c.

**LILAC QUEEN.** A dwarf, compact, long, free blooming, deep lilac Alyssum very pretty alone or used with the white kinds. Pkt. 10c,  $\frac{1}{4}$  oz.

### BRACHYCOME (Swan River Daisy)

Free-flowering, dwarf-growing annuals, covered most of the summer with pretty blue and white flowers. Pkt. 10c.



A border of Little Gem Alyssum and Geraniums

### AMARANTHUS

Brilliant-foliaged annuals growing 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. Useful in borders of tall plants or for the center of large beds. They thrive best in a hot, sunny location, not too rich soil and when given sufficient room to develop their full beauty. Fine Mixture, including Love-lies-bleeding, Joseph's Coat, Prince's Feather. Pkt. 10c,  $\frac{1}{4}$  oz. 25c.

### ANTIRRHINUM (Snapdragon)

We offer two distinct types, the large-flowering, tall-growing, or giant, and the equally large-flowered, half-dwarf variety.

All Kinds, Pkt. 10c each

**H. & V. Tall, Large-Flowering**

**BRILLIANT RED.** Flower-spike like a flaming torch; full, double blooms.

**SILVER PINK.** The best variety for cutting; delicate pink.

**QUEEN VICTORIA.** Pure white, extra-large blooms.

**YELLOW.** A pronounced rich yellow of extreme beauty.

**H. & V. TALL LARGE-FLOWERING MIXTURE.** 1 pkt. each of 4 colors, 30c.

**H. & V. Dwarf, Large-Flowering**

**CANARY BIRD.** Bright yellow.

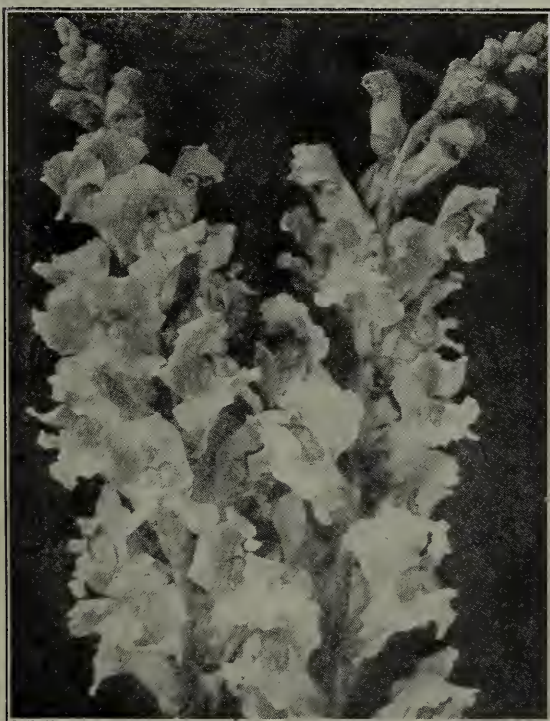
**RUBY RED.**

**QUEEN OF THE NORTH.** Pure white.

**H. & V. DWARF LARGE-FLOWERING MIXTURE.**

### ARCTOTIS (Blue-eyed African Daisy)

Easily grown from seed. Each plant quickly forms a bush 2 to 3 feet across, with distinct silvery white, deeply cut foliage. The daisy-like flowers measure  $2\frac{1}{2}$  inches across and are silvery white and a sky-blue eye, surrounded by a narrow yellow zone. The under part of the petals is of lilac-blue. Pkt. 10c.



Antirrhinum or Snapdragon





H. & V. American  
Beauty Aster

## H. & V. AMERICAN BEAUTY ASTERS

This beautiful Aster should be in every garden. It is one of the finest in cultivation. The flowers are very large and full, with incurved petals and measure from 4 to 5 inches in diameter. Same type as Late Branching. Flower-stems are 18 to 20 inches long; erect and sturdy. We offer H. & V. American Beauty Asters in four colors: Shell Pink, Rose, Lavender, Royal Purple. Pkt. 15c, 2 for 25c; 1 pkt. each color, 50c. (Pictured on Back Cover.)

## New Aster, Heart of France

The best pure red Aster ever introduced. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The plants begin to bloom quite early in the season and open fully with the midseason varieties. Pkt. 20c, 2 pkts. 35c.

## VICK'S ROCHESTER ASTER (see cut)

Pkt. 20c, 2 pkts. 35c

Long, narrow-petaled Asters of immense size and delicate color. The plants are large and strong and bear an abundance of bloom. They make splendid cut-flowers for the house. If you have not grown the Rochesters in your garden, try them this year.

Lavender Pink	White	Lavender
Shell Pink	Violet	Rose

H. & V. Special Rochester Mixture

## Pink Enchantress

Flowers are borne on upright stems, and are delicate pink, closely resembling Pink Enchantress carnation; petals closely arranged in a large, almost perfect ball. Plants are tall and strong. Pkt. 15c, 2 pkts. 25c.

## H. & V. BRANCHING ASTER COLLECTION

Seven full-sized 10-ct. pkts., 50 cts.

White	Crimson	Purple	Rose
Azure-Blue	Pink	Enchantress Pink	

A collection of colors of the Branching Aster at a very reasonable price. Seven full-sized 10-ct. pkts. for 50 cts.

## H. & V. Superb Asters

Through the activity and foresightedness of Mr. Charles H. Vick, the strain of Asters known as "Vick's Branching" became well known to the floral world. The original Vick's Branching was introduced about 25 years ago, and at once sprang to the greatest popularity. Since that time many strains have been developed, but none that are better than the original. All of the seed which we offer, whether in the Branching class or in other classes, has been grown under our personal direction; it is absolutely fresh 1920 stock, free from stem-rot and other diseases so prevalent, strictly true to name and of the very highest quality.

## VICK'S BRANCHING ASTERS

This superb class of Asters still holds its popularity despite the introduction of many later novelties. The blooms are borne on long stems, making them extremely valuable for cutting. The plants frequently cover a space of 3 feet, and should be allowed ample room to develop to full size. Seed sown in pots or boxes in March or April and transplanted to outdoor bed in May or June will provide bloom in August and September.

Peerless Pink	Lavender	Purple
Snow-White	Lavender-Blue	Crimson
Shell-Pink	Azure-Blue	Rose

Pkt., each, 10c. One pkt. of each color for 75c  
H. & V. all color mixture, pkt. 10c

## VICK'S KING ASTERS

A class entirely distinct from other Asters. The petals are long and narrow and so closely rolled that they look like a quill. Violet King was the first introduced and created a distinct sensation. This was soon followed by the Rose King, and later the other colors were added.

Violet King	Pink King	Lavender King
White King	Rose King	Crimson King

H. & V. Special King Mixture

Pkt. 15c, 2 pkts. 25c; 1 pkt. each of 6 colors, 70c





## H. & V. ROYAL ASTERS

Similar in all respects to the Late Branching, except it blooms from two to three weeks earlier. For the home-garden or for commercial purposes this Aster is unsurpassed. Seed sown in the open ground as early as possible in the spring will bloom continuously from midseason to late fall.

Royal White      Royal Purple  
Royal Shell-Pink      Royal Rose  
Royal Lavender

H. & V. Special Royal Mixture  
Pkt. 10c; 1 pkt. each of 5 colors, 40c

## H. & V. Novelty Aster Mixture

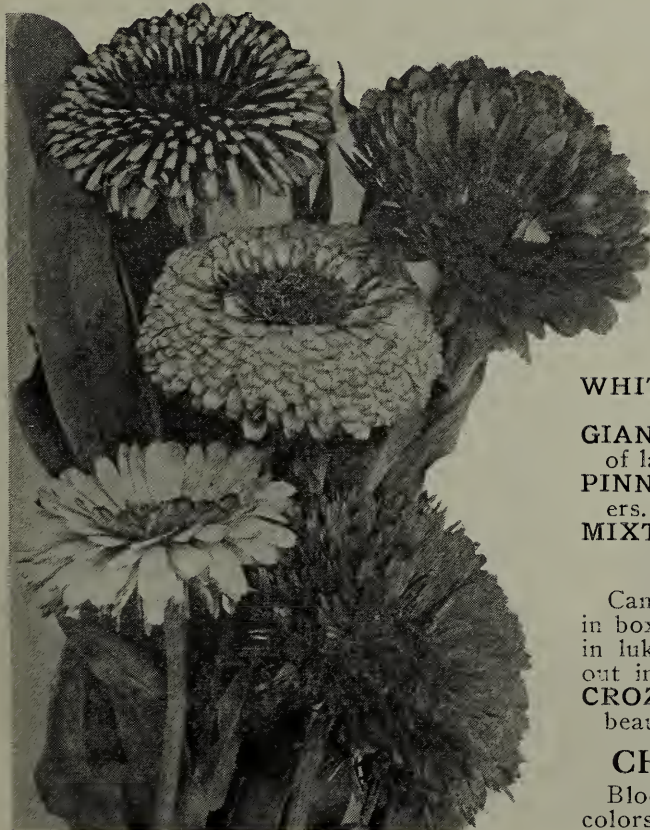
This Special Aster Mixture contains seed of every kind and color of Aster we list in this book. Its purpose is to introduce to you the entire Aster family. Reserve a spot in your garden for a trial of these Asters. It will not only be interesting and instructive to watch the growth and habits of the many different varieties but it will give you an abundance of beautifully colored and shaped blooms. Pkt. 15c, 2 pkts. 25c.

## H. & V. IMPERIAL ASTERS

Extremely double flowers, narrow petals, straight or slightly quilled, borne on long, upright stems.

Daybreak. Delicate pink.  
Blue. Bright blue.  
Rose. Silvery rose.  
Lavender. Very dainty.

Mixed colors  
Pkt. 15c, 2 pkts. 25c



Calendulas or Pot Marigolds

## BALSAM · Lady's Slipper

A favorite garden flower, producing its gorgeous masses of brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil; grows about 2 feet high. Start the seed indoors in April, or sow out-of-doors in May.

**WHITE PERFECTION.** Pure white, double flowers. Pkt. 10c.

**PINK PERFECTION.** Double flowers in delicate shades of pink. Pkt. 10c.

**SCARLET PERFECTION.** Brilliant scarlet; double. Pkt. 10c.  
1 pkt. each of 3 colors above, 25c

**H. & V. MIXTURE OF GOLIATH BALSAMS.** A wonderful mixture of colors in tall-growing Balsams 4 feet high. Beautiful in the garden and as cut flowers. Pkt. 10c, ¼ oz. 20c.

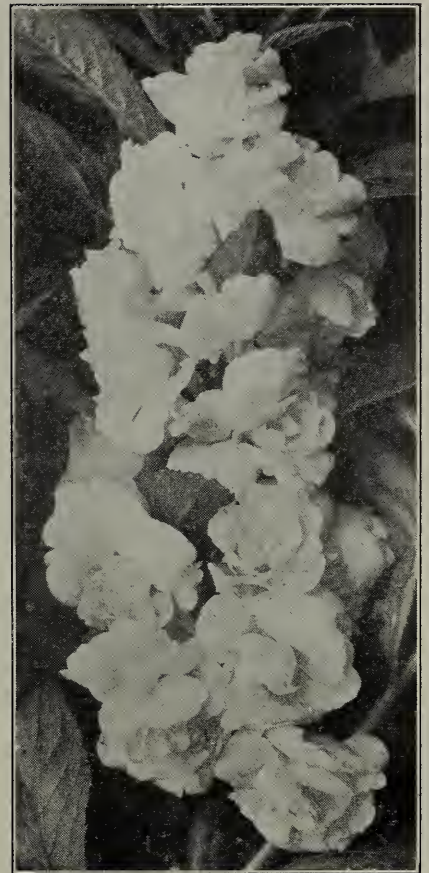
## CALLIOPSIS · Tickseed

Flowers of various shades of yellow and orange, variegated with rich velvety crimson or maroon; excellent for bouquets, their warm and brilliant tints harmonizing well with all other colors. Will thrive anywhere and blossom all summer.

**MIXED COLORS.** Pkt. 10c, ¼ oz. 30c.

## Calceolaria, H. & V.'s King

An ornamental house plant producing a mass of beautiful pocket-like flowers in the spring, blotched and spotted with rich and varied colors. Pkt. 25c.



Double Goliath Balsam

## CALENDULA · Pot Marigold

Brilliant and showy free-flowering annual. Will grow anywhere, but best when used in solid masses of color. Plants about 1 foot high.

**ORANGE KING.** Full, double, brilliant orange flowers. Pkt. 10c, oz. 30c.

**METEOR.** Flowers double, with creamy center, edge orange-yellow. Pkt. 10c, oz. 30c.

**SULPHUR CROWN.** Large sulphur yellow flowers, extremely double, dark eye. Pkt. 10c, oz. 30c.

**MIXED COLORS.** Pkt. 10c, oz. 30c.

## CANDYTUFT

An easily grown, free-flowering annual, splendid for edging beds and borders. Flower within six weeks after sowing. Make handsome cut-flowers. Grows 1 foot high.

**WHITE ROCKET. DARK CRIMSON. LILAC. CARMINE.**  
Pkt. 10c; 1 pkt. each of 4 colors, 30c

**GIANT HYACINTH FLOWERED EMPRESS.** A pure white variety of large size; strong, free grower. Pkt. 10c.

**PINNATA.** Compact plants with fine feathery foliage; pure white flowers. Especially fine for edging. Pkt. 10c.

**MIXTURE, All Colors and Kinds.** Pkt. 10c, ½ oz. 20c.

## CANNA · Indian Shot

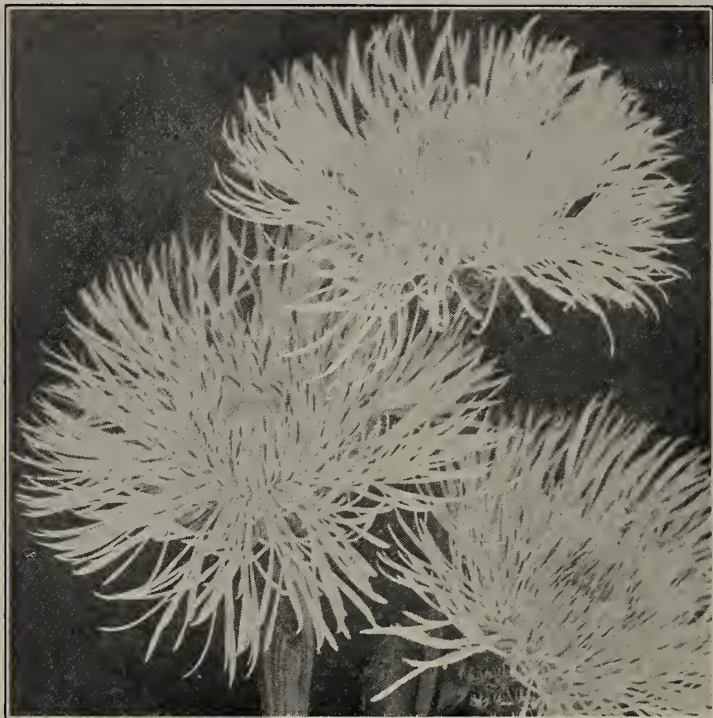
Cannas can successfully be grown from seed. If started in February in boxes or under glass they will bloom the first season. Soak the seed in lukewarm water until they start to swell. Sow in boxes and plant out in June.

**CROZY'S HYBRIDS.** Plants dwarf, blooming early; many large and beautiful flowers. Mixed Colors. Pkt. 10c.

## CHRYSANthemum · Painted Daisy; Summer Marguerite

Bloom profusely from early summer until frost. Grown in beds their colors make a splendid show. Height 12 to 18 inches. Colors in our Special Mixture: Primrose; Golden Yellow; White, Crimson Center; Silver-White and Yellow; Pure White; Scarlet; Red and Yellow. Pkt. 10c.





*Centaurea Imperialis* or Sweet Sultan

## EARLY GIANT COSMOS

Beautiful, early-blooming plants bearing great numbers of large, lovely flowers in many colors. Hardy, rapid-growing plants, 4 to 6 feet high, bearing quantities of mammoth flowers from July until after frost. Sow seed in spring when danger from frost is past.

**Early Giant White.** Pkt. 10c.  
**Early Giant Pink.** Pkt. 10c.  
**Early Giant Crimson.** Pkt. 10c.  
**Early Giant Mixture of Colors.** Pkt. 10c.

### Crested Cosmos

A beautiful variety of recent introduction. Flowers are double crested, having double centers. (See cut.)

**H. & V. MIXTURE.** Pink, White and Crimson. Pkt. 15c.

### Double Cosmos

A new variety that will bear about 50 per cent. double flowers; other half will be large, single blooms. To produce seed doubles depend on staminate singles. The result is half double and half single flowers. **White, Pink and Crimson.** H. & V. All Color Mixture. Pkt. 15c.

### CARDINAL CLIMBER

A rapid-growing annual, resembling the Cypress Vine; the flowers, however, are much larger and are produced with the greatest freedom the whole summer; the color is fiery cardinal. Splendid for trellises and fences. Pkt. 15c.

### CINERARIA HYBRIDA GRANDIFLORA

Beautiful flowering plants for the house or conservatory during the spring months. Colors vary from pink to deep crimson, from light blue to rich violet. Pkt. 25c.

### White Leaved Cineraria (Dusty Miller)

Fine for bedding and borders. Their silvery foliage makes a great show. Pkt. 10c.

### CYPRESS VINE, *Ipomoea Quamoclit*

One of the most popular vines. Delicate fern-like foliage and masses of small, star-shaped flowers. Sow in May, first soaking seeds in warm water for a few hours. Height 20 feet. **Mixture: Scarlet, White and Rose.** Pkt. 10c.

## CENTAUREAS

Under this head come the Cornflowers, Sweet Sultans, Bachelor Buttons, all great favorites in the annual garden.

### Cornflowers (*Centaurea Cyanus*)

Known as Bachelor's Button, Ragged Sailor, Blue Bottle, etc.

Bright-flowered plants, hardy and easily grown. Among the most attractive and graceful of old-fashioned flowers. Bloom all summer.

**DOUBLE BLUE.** Very large; rich deep blue. Very fine in the garden and as a cut flower; better in every way than the single blue. Pkt. 10c.

**SINGLE MIXED.** Dark and Light Blue, Pink, Rose and White. Pkt. 10c.

**DOUBLE MIXED.** Double flowers in Blue, Pink, Rose and White. Pkt. 10c.

### *Centaurea Imperialis* (Royal Sweet Sultan)

Giant, sweet-scented, beautifully fringed flowers, borne on long stems. Remain fresh a long time after being cut.

**MARGUERITA.** Satiny white. Pkt. 10c.

**SUAVEOLENS.** Rich yellow. Pkt. 10c.

**BLUE.** Deep, rich blue. Pkt. 10c.

**MIXED COLORS.** Yellow, Rose, Lilac, White, Blue. Pkt. 10c.

## CARNATION

Carnations are general favorites in summer in the garden and in the greenhouse in winter. Their fragrance and richness of color make them very desirable.

**EARLY FLOWERING MARGUERITE.** The most popular Carnation for the garden, as they begin flowering a few weeks after sowing. Especially adapted for outdoor culture. Pink, Scarlet, Striped, and White. **Early-flowering, Mixed, pkt. 10c.**

**GIANT-FLOWERING MARGUERITE.** An abundance of very large, double flowers in Pink, Scarlet, White, and Striped. **Giant-flowering, Mixed, pkt. 15c.**

**CHABAUD'S EVERBLOOMING.** A French strain blooming 5 months after sowing and bearing a profusion of flowers. **Mixed Colors, pkt. 20c.**



Giant Crested Cosmos (New)





Cobaea Scandens



**CHINESE WOOLFLOWER**  
Bright red balls that look like wool on  
stalks 2 to 3 feet high



Double and Single Garden Pinks

### **CELOSIA CRISTATA • Crested Cockscomb**

An easily grown, free-blooming annual, very effective in the border and popular as cut-flowers. Flowers 12 to 18 inches high. Pkt. 10c.

**Prince of Orange.** Rich golden yellow giant combs.

**Empress Giant.** Crimson comb; crimson foliage.

**H. & V. Mixed Colors in Cockscomb.** Pkt. 10c.

#### **Plumed or Ostrich-feathered Cockscomb**

**Thompsonii Magnifica.** The finest Ostrich-plumed Celosias.

Colors: White, Red, Yellow, Pink, Purple, Salmon, Carmine and Rose. Pkt. 10c.

**H. & V. Special Mixture.** All colors and kinds of Celosias. Pkt. 10c.

### **CHINESE WOOLFLOWER • Celosia Childsi**

Unlike other feathered Celosias, it bears large globular heads like balls of wool, on stalks 2 to 3 feet high. Branches freely, each branch terminating in a bright red ball. Not only valuable as a very showy garden flower, but they make a fine flower for cutting, as they can be dried and will keep their bright red color for weeks. Pkt. 15c.

### **COBAEA SCANDENS**

#### **Cathedral Bells; Cup-and-Saucer Vine**

A rapid-growing climber; often attains a height of 40 feet in a season. Flowers bell-shaped, purple-lilac. Fine for covering arbors and trellises. Plant seed edgewise and cover lightly. Vigorous and prolific bloomer. Pkt. 10c. White. Of above. Pkt. 10c.

### **DAHLIAS**

But few people know Dahlias can be raised from seed and will bloom the first year. The seed germinates easily and will grow in any garden. Mixture of Double Giant-flowering Dahlias, All Colors, pkt. 10c.

### **DATURA WRIGHTII • Angel's Trumpet**

Showy, large-branching plants, 3 to 5 feet high, bearing immense trumpet-like, white, sweet-scented flowers from early summer until fall. Pkt. 10c.

### **DOLICHOS • Hyacinth Bean**

A rapid-growing climbing plant with handsome foliage and spikes of purple and white flowers which are followed by purple seed-pods. Mixed Colors, White and Purple. Pkt. 10c.

### **DIMORPHOTHECA • African Golden Daisy**

The blooms of these new hybrids of the Golden Orange African Daisy, comprise beautiful and delicate shades of color, ranging from pure white through pale salmon and primrose tones to deepest orange. Pkt. 10c.

## **DIANTHUS or PINKS**

Unsurpassed for wonderful color and profusion of bloom. Very effective for borders. Double sorts are almost as fine as carnations for cutting. Sow in sunny spot early in spring.

**H. & V. DOUBLE PINKS.** Colors varying from richest, velvety crimson to most delicate rose. Pkt. 10c.

**H. & V. SINGLE PINKS.** Large, single, brilliant flowers in many colors. Pkt. 10c.

**H. & V. SINGLE AND DOUBLE MIXED.** Pkt. 10c.

**DIANTHUS PLUMARIUS.** See Perennial Seeds.

### **ESCHSCHOLTZIA • California Poppy**

Silvery foliaged plants about a foot in height, producing quantities of large poppy-like flowers from early spring until frost. Sow seed early and cover thinly.

**GOLDEN WEST.** Large yellow flowers, blotched with orange. Pkt. 10c.

**CRIMSON KING.** The best of the reds. Pkt. 10c.

**PURITY.** Pure white. Pkt. 10c.

**ALL COLORS MIXED.** Pkt. 10c, ½ oz. 20c.

### **GAILLARDIA • Blanket Flower**

A splendid annual garden flower, excellent for cutting. The large, highly colored, daisy-like flowers appear uninterruptedly the entire season. 18 inches high.

**DOUBLE-FLOWERING.** Red, Yellow, Orange, Crimson, etc., kinds in Mixture. Pkt. 10c.

## **ORNAMENTAL GOURDS**

Rapid-growing climbers, useful for covering porches and summer-houses; plants are entirely free from insects.

**African-Pipe** Calabash or Dipper Wild Cucumber

**Dish-Rag** Hercules' Club Mixed Varieties

**Balsam Pear.** All Varieties, each, pkt. 10c.

### **GYPSOPHILA • Baby's Breath**

The delicate, mist-like sprays are invaluable for bouquets. They lighten the effect of masses of other flowers and are useful with sweet peas and other flowers.

**ELEGANS.** White, pink, rose, mixed. Pkt. 10c, ¼ oz. 20c.

## **HELIOTROPE**

Both the flowers and foliage are deliciously fragrant. Seed sown early will produce blooming plants for bedding. Choice Mixed Colors, pkt. 10c.

### **HUNNEMANNIA • Giant Yellow Tulip Poppy**

Large tulip-shaped brilliant yellow flowers on long, stiff stems, from August to November. The flowers will keep in water for several days. Pkt. 10c.

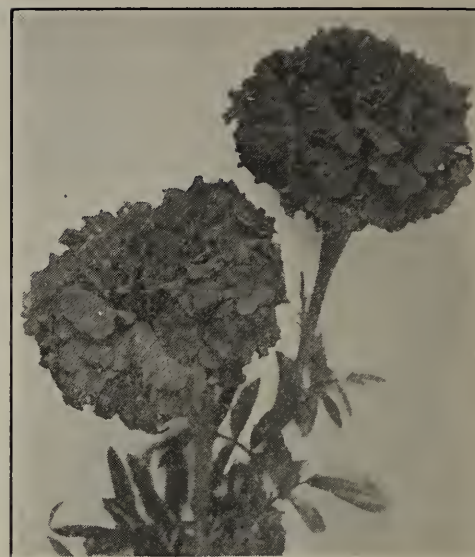




Annual Larkspur



Kochia or Summer Cypress.



French Marigold, Border King

## KOCHIA

### Summer Cypress; Burning Bush

This beautiful annual bush has rapidly come into prominence. It grows 2 to 2½ feet high and resembles a close clipped ornamental evergreen. The globe-shaped or pyramidal bushes are close and compact, and of a pleasing light green color. The plant may be grown singly or in the form of a hedge or background. In early autumn the whole bush becomes carmine or blood-red. Pkt. 10c.

### Ice Plant

A pretty, half-hardy annual, with delicate, almost transparent branches and leaves. Adapted to baskets, vase work and rockeries. Prized for its singular foliage, which looks as though covered with particles of ice. Pkt. 10c.

### Japanese Hop

An annual climber which grows with great rapidity; foliage similar to the common hop, but much larger. Desirable for covering verandas or summer-houses. Pkt. 10c.

## ANNUAL LARKSPUR

During the last few years, great improvements have been made, by careful selection, in the size and colors of the blossoms of these popular garden flowers that begin blooming in July and continue until frost. They make handsome beds and borders and look extremely well in clumps among shrubbery. Sow seed early. Pkt. 10c.

**DOUBLE STOCK FLOWERED.** 2 to 3 feet high.

White Shell-Pink Dark Blue Lavender

Finest Mixed. All Colors

Collection of Four Colors. 1 Pkt. each, 35c

**DWARF ROCKET.** Dwarf 18 inch double mixed. Pkt. 10c.

### MARVEL OF PERU • Four O'clock

Easily grown from seed, which should be sown where the plants are desired, as they are not readily transplanted. The blooms open in the late afternoon, remaining during the whole night. Mixed Colors, pkt. 10c, ½ oz. 25c.

### Mimulus • Musk Plant

A showy, profuse-flowering plant, fine for greenhouse or moist, shady situation. Seed may be sown in the open ground, and will bloom the first season. Pkt. 10c.

### Maurandia

A climbing plant, frequently reaching 10 feet the first season. Especially adapted for baskets and vases. Flowers white, rose, purple, and blue. Start seed indoors. Mixed Colors, pkt. 10c.

## MARIGOLDS

These are old favorite free-flowering annuals, with rich and showy flowers, blooming all summer. The Tall African varieties are best for garden and cutting, while the Dwarf French varieties are better suited for bedding purposes.

### DOUBLE AFRICAN VARIETIES

See cut on Back Cover

**PRINCE OF ORANGE.** Flowers golden yellow, very large, and borne on long stems. Pkt. 10c, ¼ oz. 35c.

**LEMON QUEEN.** Flowers quite large, of a delicate lemon tint. Pkt. 10c.

**MIXED AFRICAN,** in a wonderful assortment of shades of Yellow, Cream, Orange, Brown. Pkt. 10c, ¼ oz. 25c.

### FRENCH VARIETIES

The French Marigolds are smaller than the African varieties; blooms striped and shaded with varying colors.

**LEGION OF HONOR,** or "LITTLE BROWNIE." A single-flowered variety; blooms in June; color brilliant orange with maroon markings. Pkt. 10c.

**BORDER KING (T. signata pumila).** (See cut.) By far the finest double dwarf for beds and borders. Plants are very strong-growing; very bushy and compact, 6 to 8 inches high, and covered with a mass of very double, bright yellow flowers. Pkt. 10c.

**French Varieties,** Yellow, Orange, Cream, Brown, and Old-Gold in mixture. Pkt. 10c, ¼ oz. 25c.

## LOBELIA

No garden is complete without an edging of blue Lobelia, and for a long season of bloom there is nothing that can take its place; also desirable for pots, hanging-baskets, etc.

**CRYSTAL PALACE COMPACTA.** Excellent for carpet bedding, seldom over 4 inches in height; deep blue flowers, small but effective in masses. Pkt. 10c.

**GRACILIS.** Plants of trailing habit; blue flowers. For baskets or porch-boxes. Pkt. 10c.

**MIXED COLORS,** Pink, White, and Blue. Pkt. 10c.

## MIGNONETTE

The sweet yet delicate odor of the Mignonette has endeared itself to every true lover of flowers. Seed sown early in the garden will give flowers all through the summer and fall. All varieties. Pkt. 10c, ¼ oz. 20c.

**SWEET.** The familiar and popular Sweet Mignonette. **ALLEN'S DEFIANCE.** Spikes from 12 to 15 inches long, deliciously fragrant. Spikes have been kept 3 weeks after cutting, retaining the fragrance till every bud opened.

**MACHET.** One of the best for either outside or inside. The flowers lasting until late in the fall.





Nigella Miss Jekyll

## NIGELLA

Love-in-a-Mist, Devil-in-a-Bush and Fennel Flower are names given to this pretty, interesting, and easily grown annual. The foliage is fine and feathery and the showy flowers, mostly in shades of blue, are surrounded by a border resembling green lace; fine for cutting. 12 to 15 inches. Mixed Colors, pkt. 10c.

**MISS JEKYLL.** Lovely cornflower blue blossoms, splendid for cutting. Pkt. 10c.

### Nicotiana Sanderae

A very lovely hybrid tobacco of branching habit, bearing great quantities of very beautiful, many-shaded flowers from early summer to autumn. Pkt. 10c.

## MASTODON PANSIES

Seed sown in April or May will produce blooming plants by the last of June. They will give an abundance of flowers throughout the remainder of the season.

H. & V. Mastodon Pansies are a distinct variety. They are giant-flowering, of wonderfully brilliant color, strong-stemmed, hardy and well adapted to our climate. These are the largest and most beautiful Pansies grown. We have the following varieties:

Pure White  
Dark Purple  
Pure Yellow  
Black  
Blue

White with dark eye  
Yellow with dark eye  
Victoria red  
Lord Beaconsfield—Deep purple violet, shading white.

**H. & V. SPECIAL MASTODON MIXTURE.** Needless to say, this mixture, made up as it is of the many colors and shades of Mastodon varieties, has no superior among Pansy mixtures. It will make wonderful borders and beds in the garden. The finest strain of named varieties are put together to make the most beautiful combinations of color. Pkt. 25c,  $\frac{1}{16}$  oz. 85c,  $\frac{1}{8}$  oz. \$1.50.

**GIANT TRIMARDEAU PANSY MIXTURE.** A splendid strain of Pansies in many colors. A little less desirable and lower in cost than our Mastodon Mixture but equal to any of the large-flowering mixtures offered. Pkt. 10c,  $\frac{1}{4}$  oz. \$1.00.

**PANSY-VIOLET, or TUFTED PANSY.** See Perennials.

## MORNING-GLORIES

**IMPERIAL JAPANESE.** These are, beyond question, the handsomest of all Morning-Glories. Of the easiest culture and can be sown in the open ground in a sunny situation when the weather has become warm and settled. They soon cover a large area. The flowers are of gigantic size, and their colorings beautiful beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades. There is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc.

**H. & V. Imperial Japanese Mixture.** Pkt. 10c,  $\frac{1}{2}$  oz. 25c.

**ROCHESTER MORNING-GLORY.** A distinct species with extra-large beautiful flowers and strong-growing vines. Flowers 4 to 5 inches across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edge. Very free flowering. Pkt. 10c.

**DWARF MORNING-GLORY.** A beautiful and showy annual for bedding and borders, also rockwork. Blooms throughout the summer and thrives best in sunlight. Pkt. 10c,  $\frac{1}{2}$  oz. 25c.

**OLD-FASHIONED MORNING GLORY.** H. & V. Special Mixture, All Colors. Pkt. 10c, oz. 25c.

## GIANT-FLOWERING NASTURTIUMS

No flower excels the Nasturtium in brilliancy of color, profusion of bloom, or length of flowering season. A marvelous range of new colors has developed.

### Dwarf or Bedding Nasturtiums

Giant-flowering Dwarf Nasturtiums in a mixture of all varieties and colors. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c.

### Tall or Climbing Nasturtiums

Giant-flowering Tall Nasturtiums in a mixture of all varieties and colors. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c.

## MOONFLOWER

Climbing vines of dense, quick growth, often reaching a height of 30 feet in a season. Blooming profusely, particularly in the evening and on cloudy days, with fragrant flowers 5 to 6 inches in diameter. For trellises and verandas and for covering unsightly objects, stumps, old fences, etc., there are few better plants than Moonflowers. Soak seed 24 hours in warm water and notch end before planting.

**GIANT WHITE MOONFLOWER (Ipomoea Bona-nox).** Pkt. 10c.

**GIANT PINK MOONFLOWER.** Pkt. 10c.



Mastodon Pansy



## VICK'S GIANT RUFFLED PETUNIA

A Giant-flowering Ruffled Petunia in a wonderful variety of colors, ranging from pure white veined with lavender, crimson, rose, and gold to the almost black velvety crimson-maroon flower with its threads of white, yellow, lilac, and rose. Every color and combination of tints and colors is represented. **All-Color Ruffled Giant Mixture**, pkt. 20c.  
**VICK'S GIANT FRINGED DOUBLE PETUNIAS.** A mixture of all colors, double flowers, ruffled, frilled, and fringed. Pkt. 35c.

**BEDDING PETUNIAS, Large, Single, Blotched and Striped.** Large, single flowers, blotched and striped in all the Petunia colors. Fine for bedding. Blooms a few weeks after planting and continues to bloom profusely until frost. **All Colors Mixed**, pkt. 10c.

A small, compact-growing bush about 8 inches high; free-blooming.  
**SNOWBALL.** Satiny white. Blooms all season. Pkt. 10c,  $\frac{1}{8}$  oz. 50c.  
**ROSY MORN.** Soft carmine-pink with white throat. Dainty and effective border. Blooms profusely all summer. Pkt. 10c,  $\frac{1}{8}$  oz. 75c.

### PORTULACA

This charming, little hardy annual is unrivaled for brilliancy. Nothing is prettier for beds, edgings, rockwork, etc. As an undergrowth for taller plants it is also valuable. The seed does not germinate until hot weather, and should be sown late. Average height, 6 inches.

**Single-flowered Mixture** of White, Golden Yellow, Striped Rose, Rich Rose, Crimson, Scarlet, Bright Yellow, Purple and Salmon. Pkt. 10c,  $\frac{1}{4}$  oz. 25c.

**Double-flowered Mixture**, same colors as in Single-flowered. Flowers resembling tiny roses. Pkt. 10c.

## ANNUAL POPPIES

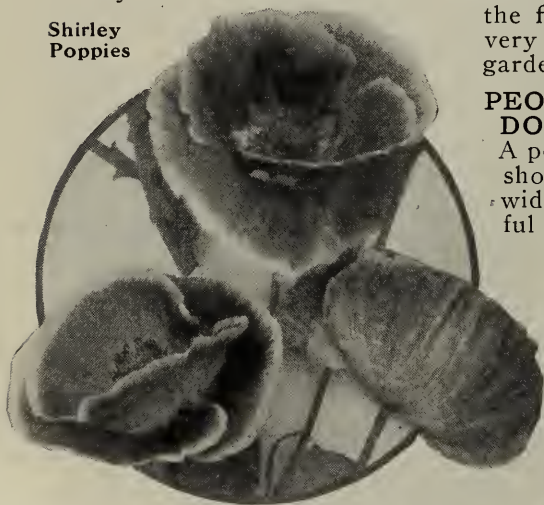
Sow seed as early in spring as possible and repeat at intervals to keep up a succession of bloom. Full cultural directions on every packet of seed. If cut for the house just before they expand they will last several days.

**SHIRLEY, or SILK SINGLE POPPIES.** These are, by far, the best of all single Poppies. They range in color from the purest white to the deepest crimson and blood-red, through all the intermediate shades of pale pink, rose, and carmine. Many are daintily edged and striped, and so varied are their colors that rarely are any two flowers alike. Pkt. 10c,  $\frac{1}{4}$  oz. 20c.

**SINGLE TULIP POPPY.** A very brilliant scarlet, single Poppy, shaped very much like a single tulip and 3 inches across. Grows 2 feet high. Pkt. 10c,  $\frac{1}{4}$  oz. 15c.

**CARNATION - FLOWERED DOUBLE POPPIES.** Large, double flowers, ruffled and finely fringed at the edges. Their beauty in form and the many and wonderfully brilliant colors and combinations of colors of the flowers make them very popular in every garden. Pkt. 10c, oz. 30c.

Shirley Poppies



### PEONY-FLOWERED DOUBLE POPPIES.

A peony-shaped, large, showy Poppy in a wide range of wonderful colors. Pkt. 10c.

The Poppy has been adopted as the official flower of the American Legion. Plant some in your garden this spring—they will make a gorgeous show.

### COIX LACRYMA • Job's Tears

Ornamental grass with broad corn-like leaves, and lustrous slate-colored seeds used for beads. Valuable for winter bouquets with everlasting flowers. Grow about 3 feet high. Pkt. 10c, oz. 20c.



Vick's Giant Ruffled Petunia

### PHLOX DRUMMONDII • Annual Phlox

Few flowers are so easily grown from seed, so pretty and compact, so quick to bloom from seed or give such a brilliant display of color for so little cost and care. Sow seed outdoors as early as possible. In a few weeks your Phlox will be a sheet of bloom that will remain until frost.

**Choice Large-Flowering Varieties**, Pkt. 10c,  $\frac{1}{4}$  oz. 50c.

Shell-Pink      Snow-White      Royal Purple  
 Brilliant Scarlet      Bright Rose

**Choice Large-Flowering Varieties, Mixed.** All the colors listed above and many others. Pkt. 10c,  $\frac{1}{4}$  oz. 40c.

**STAR PHLOX.** A dwarf, compact-growing variety, bearing quantities of pretty star-shaped flowers in many brilliant colors. **All Colors Mixed**, pkt. 10c.

### PRIMULA • Primrose

Seeds sown in early spring make plants for fall and winter blooming.

**Forbesii.** Baby Primrose. Free bloomer. Pkt. 25c.

**Malacoides.** Lilac-blue. Pkt. 25c.

**Obconica grandiflora.** Best of the Primulas. Pkt. 20c.

**Sinensis.** Chinese Fringed Primrose. In various colors. Pkt. 25c.

### RICINUS • Castor-Oil Plant

Desirable for screens or the center of beds because of their large growth and the tropical appearance which they give to the plantings.

**Zanzibarensis.** Leaves often 2½ feet across, marked with brown and purple spots. Pkt. 10c, oz. 20c.

**Mixed, Many Varieties.** Pkt. 10c, oz. 20c.

### PENNISETUM • Fountain Grass

**Longistylum.** Long, slender, green leaves and white plumes about 2 feet high. Pkt. 10c.

**Ruppelianum.** Purple plumes and graceful green foliage about 3 feet high. Pkt. 10c.

### SUNFLOWER • Helianthus

Well-known, hardy annuals, small-flowering, valuable for cutting, the tall kinds for backgrounds. 4 to 6 feet in height.

**Chrysanthemum-flowered.** Rich yellow, finely fringed, 6 feet. Pkt. 10c.

**Extra-Double, Dwarf.** From 3 to 4 feet high; golden yellow blooms. Pkt. 10c.

**Mammoth Russian.** Single-flowered, gigantic size. Oz. 10c.



# SWEET PEAS SPENCER ORCHID-FLOWERED

From the long list of Sweet Peas of this new and wonderful class, we have selected eight which in our judgment and experience are the best for the garden. New kinds, if they are better than the ones now on our list, will be added as they are produced. **America.** White ground, heavily flaked and striped with bright crimson-scarlet.

**Asta Ohn.** Charming soft lavender, suffused with mauve.  
**Captain of the Blues.** Deep rich blue, with tinge of red.  
**Constance Hinton.** Pure white of enormous size.  
**Countess Spencer.** Clear, soft, rich pink, deepening at edges.  
**Dobbie's Cream.** Deep cream; leaves fluted and waved.  
**Elfrida Pearson.** Giant blush pink.  
**King Edward VII.** Pure red. Very fine.

Each of above, pkt. 15c, oz. 50c

## Spencer Orchid-Flowered Mixture

A very good way to see and learn about the many kinds and colors of this superb Sweet Pea is to plant seed of our mixture. In it are practically all the hundred or more best named kinds in their colors and combinations. A packet or two will make a gorgeous display in your garden. All Colors, Mixed, pkt. 10c, oz. 25c, 1/4 lb. 85c, lb. \$2.75.

## H. & V. GRANDIFLORA SWEET PEA MIXTURE.

Only the best of the old-fashioned Sweet Peas. Pkt. 5c, oz. 15c, 1/4 lb. 35c, lb. \$1.25.

## SALVIA · Scarlet Sage

The brilliant red flowers borne on long, stately spikes, standing well above the foliage and blooming until frost, give this plant a prominent place in every garden. Extensively planted in flower-beds and as a border plant. Seed should be started in boxes or under glass in February and March and transplanting done when all danger of frost is past.

**BONFIRE (Clara Bedman).** A compact-growing, early-flowering Salvia 2 feet high and 2 feet in diameter, covered with long spikes of brilliant scarlet flowers that stand clear above the dense, dark-green foliage and completely cover the plant. Pkt. 10c, 1/8 oz. 50c.

**SPLENDENS.** The old favorite bedding variety. Scarlet flowers in great profusion on plants 3 feet high. Pkt. 10c, 1/8 oz. 40c.

## SALPIGLOSSIS · Velvet Trumpet (See Picture on Back Cover)

Gardeners who do not know this beautiful trumpet-shaped flower should become acquainted with it. It deserves a place in every garden. Easily grown, blooms early, all summer long. The richly colored velvety petals, crim-

son, blue, primrose, white, yellow and purple overlaid and striped with silver and gold, beautiful beyond description. **Emperor, All Colors Mixed, pkt. 10c, 1/4 oz. 40c.**

## SCHIZANTHUS · Butterfly Flower

A dainty annual, adapted for borders of tall-growing flowers or clumps of shrubs. All Colors Mixed, pkt. 10c, 1/4 oz. 25c.

## TEN-WEEKS' STOCKS

The Stock has all the desirable qualities for a garden and house flower. Easily grown; fine foliage; fragrant; free blooming; and a wide range of color. Sow seed in garden early in May. If plants that begin to bloom late are potted in fall they will flower finely all winter in the house.

**CUT-AND-COME-AGAIN STOCKS.** Begins blooming in June and continues until frost. Double, fragrant flowers. Height 18 inches. All Color Mixture, pkt. 10c.

**EARLY LARGE-FLOWERING STOCKS.** Large, fragrant, double flowers on many-branched plants 2 feet high. Sow seed inside in February. Plants will bloom in the garden from midsummer until frost. All Color Mixture, pkt. 10c.

## THUNBERGIA · Black-Eyed Susan

A trailing plant, useful for window-boxes, vases, and similar plantings. White, buff, yellow, with dark eye. Mixed Colors, pkt. 10c.

## MAMMOTH VERBENAS

For beds and massing, for gorgeous display from July until frost, these annuals cannot be excelled. Sow seed in the garden in May. Scarlet, White, Blue, Pink, in separate packets, each 10c.

Mammoth Verbenas, All Colors, Mixed, pkt. 10c, 1/8 oz. 30c.



Mammoth Verbenas



# H & V GIANT ZINNIAS

Probably no flower has such an assortment of bright shades, tints, and colors, and no bedding plant is more effective for a brilliant show than the Zinnia. An old-fashioned bedding plant whose popularity is being increased every year by the addition of many new and remarkably beautiful varieties and colors. Sow early in the spring. Give the plants plenty of room to get the largest and greatest number of blooms.

## Giant-Flowering Zinnias

Double flowers, 4 to 6 inches in diameter, on tall strong stems. Plants 3 feet high. Crimson, Scarlet, Pink, Purple, Yellow, White. Pkt. 10c, ¼ oz. 40c.

Giant-flowered Double All-Color Mixture. Pkt. 10c, ¼ oz. 35c.

## Curled and Crested Zinnias

Large, very double flowers whose petals are twisted, curled, and crested into peculiar and beautiful forms. Our mixture includes all the colors of the Giant-flowering. Pkt. 10c, ¼ oz. 30c. (Pictured on Back Cover.)

## Dahlia-Flowered Zinnias (New)

The plants of this new Zinnia are very sturdy and produce many flowers with stout stems. The broad petals are very closely put together, sometimes seeming almost piled upon each other. Blooms often measure 4 inches in depth and 5 to 6 inches in diameter. In bloom from July until frost. Our Special Mixture includes these colors: Golden Yellow, Burnt Orange, Old-Rose, Mauve, Cerise, an endless range of shades of Pink and Rose. Pkt. 20c.

## Giant Double Zinnia "Picotte" (New)

A new Zinnia producing flowers 4 to 5 inches in diameter in the following colors: Yellow, Orange, Pink, and Flesh. Each petal is tipped with dark chocolate or maroon. A very handsome Zinnia for bedding or for cut-flowers. All Colors Mixed, pkt. 20c.

## VINCA

Flowers are produced during the whole season; plants may be potted and kept in bloom throughout the winter. Mixed Varieties and Colors. Pkt. 10c.



Helichrysum



## WALLFLOWER

Seed sown early in the spring will produce blooming plants in early June. Flowers are of varying colors and exceedingly fragrant. Single Varieties, Mixed. Pkt. 10c.

## SCABIOSA • Mourning Bride

This hardy annual deserves a space in your garden. It is very easily and quickly grown, blossoms very freely during the summer and fall, and is one of the finest of all cut-flowers for the house. Blooms are borne on long stems, are very double and of many colors. We offer a Special Mixture of these colors—Light Blue, Cherry-Red, Crimson, Flesh-Pink, White, Rose, Deep Maroon, Purple edged White, and Yellow. All-Color Mixture, pkt. 10c, ¼ oz. 25c. (See picture on Back Cover.)

## EVERLASTING FLOWERS

### Acroclium

Plants are about 15 inches high. Flowers white or rose-pink; if cut when first opened, can be dried and used in winter bouquets. Double and Single Mixed, pkt. 10c.

### Gomphrena

Globosa. About 18 inches in height, with flowers similar to those of clover. Mixed Colors, pkt. 10c.

### Helichrysum • Straw Flower

The Straw Flower, and one of our best Everlastings. Plants about 2½ feet high; double flowers, which if cut when in half bud and dried, will retain their color for years.

Fire Ball. Deep crimson. Rose Queen. Old rose.

Golden Ball. Yellow. Salmon Queen. Salmon-pink.

Silver Ball. Silvery white. Violet Queen. Deep violet.

Pkt. 10c, 1 pkt. of each of the 6 colors, 50c

All Colors Mixed, pkt. 10c, ¼ oz. 25c.

### Physalis • Chinese Lantern Plant

Franchetti. Ornamental variety of Winter Cherry producing freely bright orange-scarlet lantern-like fruits. Pkt. 10c.

### Rhodanthe

Plants grow 9 to 12 inches high, blooming early and continuing for a long time. May be dried for winter bouquets. Mixture of White and Pink, pkt. 10c.





Cactus Dahlia



Show Dahlia



Peony-Flowered Dahlia

## DAHLIAS FOR THE GARDEN

Strong, healthy bulbs. Postpaid to you at these prices

### CACTUS DAHLIAS

- Bouquet Rose.** When in bloom has the appearance of gracefully arranged bouquet of rose colored flowers. 35c each.
- Countess of Lonsdale.** Deep salmon-pink; very free-flowering. A good cutting Dahlia. 30c each.
- Earl of Pembroke.** Rich plum-color; large-flowering. 25c.
- Golden Gate.** Bright golden yellow; early and free-flowering, very large, often measuring 9 inches in diameter. The best yellow Cactus Dahlia. 35c each.
- Harbor Light.** Bright orange red, overlaid with flame color. 15c each.
- J. H. Jackson.** Rich velvety maroon; very large. One of the best of the dark Cactus Dahlias. 30c each.
- Kriemhilde.** Rosy pink, with white center. Very pretty. 30c each.
- Melody.** Large, incurved, graceful flower of long tubular petals, soft sulphur yellow. 50c each.
- Mrs. de Luca.** Yellow shaded with orange. 30c each.
- Standard Bearer.** Brilliant scarlet. One of the best. 30c each.
- Winsome.** Large, creamy white. 35c each.
- One each of above 11 kinds, postpaid, \$3.00

### DECORATIVE DAHLIAS

- The largest-flowering of any type. They have long, broad, flat petals.
- Catherine Deur.** Bright crimson scarlet. Large, free-flowering. 35c each.
- Clifford W. Bruton.** Bright yellow; large flowers. 25c each.
- Delice.** Clear pink flowers on long stems. 30c each.
- Jack Rose.** Very popular variety. Same color as rose of this name. 20c each.
- King of the Autumn.** A great Dahlia. Salmon-pink, passing to a golden suffused buff near edges. Flowers 6 inches in diameter on stems 4 feet long. 75c each.
- Minna Burgle.** Rich brilliant scarlet; very large flowers on long stems. 35c each.
- Princess Juliana.** Pure white; long stems; free-flowering. The best white for cutting. 30c each.
- Sylvia.** Soft mauve-pink, shaded white at center. Very fine as cut flower. 15c each.
- One each of above 8 kinds, postpaid, \$2.00

### POMPON DAHLIAS

- Of the same form as Show Dahlias but are much smaller.
- Amber Queen.** Clear amber, shaded apricot. 20c each.
- Guiding Star.** Pure white, free-flowering. 20c each.
- Little Beauty.** Soft pink. 20c each.
- Snowclad.** Pure white. 20c each.

### SHOW DAHLIAS

- They are the old-fashioned, large, round compact and quilled flower type.
- Aquisition.** Beautiful deep lilac; very large. 25c each.
- A. D. Livoni.** Soft pink; free-flowering. One of the best for cutting. 25c each.
- Cuban Giant.** Large, dark crimson flowers. 30c each.
- Pearl.** Lavender-pink, with lighter tints; perfectly formed, large flowers. 35c each.
- Storm King.** Pure white; large, free-flowering. 20c each.
- White Swan.** Pearly white. 25c each.
- W. W. Rawson.** Pure white overlaid amethyst blue. 35c ea.
- One each of above 7 kinds, \$1.75, postpaid

### SINGLE DAHLIAS

- These have a single row of petals surrounding a golden yellow center. Very graceful and free-flowering.
- Golden Century.** Golden yellow, shaded amber; very large flowers on long stems. 30c each.
- Rose-Pink Century.** Deep pink; very large. 30c each.
- White Century.** Pure white; very large. 30c each.

### COLLARETTE DAHLIAS

- These are Single Dahlias with an additional row of short petals around the disc, forming a frill or collar, which is usually of a different color from the rest of the flower.
- Maurice Rivoire.** Rich crimson, pure white collar of short, well-formed petals. An abundance of flowers on long stems. 35c each.
- Souvenir de Chahanne.** Lemon-yellow, with coral-red markings; collar petals long, tipped white. 35c each.

### PEONY-FLOWERED DAHLIAS

- The newest of the Dahlias, somewhat resembling the peony in form. The flowers are generally semi-double, showing a golden yellow disc in the center. Very beautiful and free-flowering.
- Cecelia.** Pale yellow; very large. 45c each.
- Geisha.** The showiest and most attractive of all Dahlias. Color a brilliant scarlet and gold, with a ring of pure yellow at the center. 60c each.
- Glory of Baarn.** Very large, clear rose. 35c each.
- Hampton Court.** Bright, deep pink, golden yellow center. One of the finest ones. 30c each.
- Hortulanus Budde.** Rich rosy scarlet on very long stems. 40c each.
- Queen Wilhelmina.** Pure white; very large. The best white. 35c each.
- One each of above 6 kinds, \$2.00, postpaid



# HARDY PERENNIALS

The popularity of Hardy Plants is steadily increasing, and few gardens are without them in beds or borders. Our list comprises the best of the Perennials for the garden, varieties in all colors that will give you bloom from early spring until frost. We offer Perennials in seed and in strong field-grown plants. Seed may be sown outdoors in the early spring or summer, or in a coldframe and later transplanted to the open ground.

Plants are sent by express and parcel post. If wanted by mail, please allow postage as follows: Single plants, 5c; 3 plants, 10c; more than 3 plants, 10 per cent. of total amount of plant order.



Achillea—"The Pearl"

## ACHILLEA · Milfoil or Yarrow

"The Pearl" (A. Ptarmica fl.-pl.). (See cut.) Pure white flowers, borne in greatest profusion the entire summer on strong, erect stems, 2 feet high; very popular as a cut flower.

Ball of Snow (Boule de Neige.) Flowers not quite so large as "The Pearl," but more perfect in form, with full centers.

Plants of above, 25c each, \$2.50 per doz.

## ALYSSUM · Basket of Gold

An indispensable plant for the rockery or border, growing 1 foot high, and producing in May masses of broad, flat heads of bright yellow flowers. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c.

## ANCHUSA ITALICA

Plants 4 feet high, covered with spikes of rich blue flowers in May and June, two months of the year when blue-flowering varieties are not over-numerous. Very effective either in solid beds or in the hardy border. Will grow in any good garden soil. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c.

## AQUILEGIA · Columbine

One of the most elegant and beautiful of hardy plants, producing an abundance of graceful, peculiar-shaped flowers on long stems. Very hardy and easily grown, they make a very fine plant for the garden and are excellent as cut-flowers for the house. Height 2 to 3 feet.

Caerulea. Rocky Mountain Columbine. Bright blue-and-white, long-spurred flowers. Plants, 25c each. Seed, pkt. 10c.

H. & V. Long-spurred Hybrids. (See cut.) A large-flowering, much admired type of Columbine, in a great variety of colors—blue, white, yellow, pink, cream, lavender, red, scarlet, and orange. Plants, 25c each, \$2.50 per doz. Seed, All Colors Mixed, pkt. 10c.

## BELLIS PERENNIS

(Double English Daisy)

Plants, 15c each; \$1.50 per doz.

Seed, pkt. 10c

Longfellow. Extra-large, rose-pink, full double flowers.

Snowball. Flowers pure white, full double.

Mixed Colors. Seed, pkt. 10c.

## ANEMONE · Windflower.

Plants, 25c each, \$2.50 per doz.

Whirlwind. (See cut.) This double variety has the habit and all the other good qualities of the Single White Japanese Anemone, with the additional ones of greater hardiness and more lasting blooms. The flowers are 2½ to 3 inches across, and have several rows of white petals. The plants grow from 2½ to 3 feet in height.

Queen Charlotte. Early-flowering, vigorous grower. Begins flowering in August, and continues until November, becoming more attractive each day. Flowers semi-double, broad, perfectly formed and of a delightful shade of silvery pink.

Japonica alba. Flowers pure white, with yellow center; single.

## HARDY ASTERS

(Michaelmas Daisies, or Starworts)

Deserve an important place in all hardy beds and borders. Their dainty and bright colored blooms come at a time when other flowers are scarce. Very fine for cut-flowers. Height 2 to 3 feet. Plants, 25c each, \$2.50 per doz., \$15.00 per 100.

## ANTHEMIS · Golden Marguerite

Pretty, hardy plant with finely divided leaves, growing to a height of 2 to 3 feet. Bears, throughout the summer, an abundance of long-stemmed, golden yellow, daisy-like flowers. Plants, 25c each; \$2.50 per doz.; \$15.00 per 100.

## ARMERIA · Sea Pink, or Cliff Rose

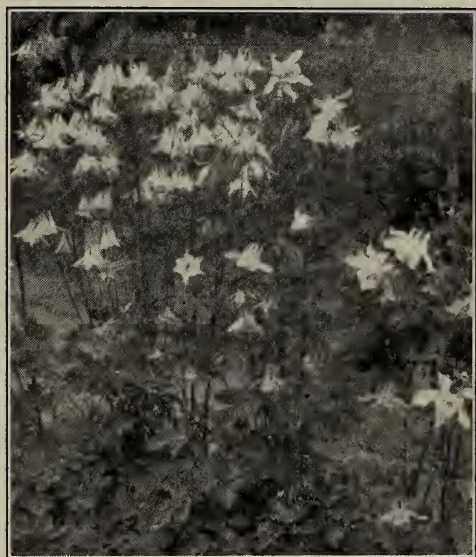
A very pretty dwarf, easily grown plant, very useful in the rockery and border. Bears numbers of very double pink flowers. Foliage bright evergreen. Height 1 foot. Blooms in May to July. Plants, 25c each, \$2.50 per doz., \$15.00 per 100.

## HARDY CARNATIONS

A very fine border and bedding plant in four colors: Pink, White, Maroon, and Red, with intermediate tints and shades. Plants, Mixed Colors, 25c each, \$2.50 per doz., \$15.00 per 100.

## ARABIS ALPINA · Rock Cress

One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock-garden, but does equally well in the border. Pure white flowers. Plants, 25c each; \$2.50 per doz.; \$15.00 per 100. Seed, pkt. 10c.



Aquilegia—Long-spurred Hybrids



Anemone—Whirlwind



## CAMPANULA • Bellflower

Indispensable, bell-shaped, hardy garden flowers of a great variety of form, some tall, others dwarf, compact little plants, suitable for edging and rockwork. These should be in every hardy bed and border.

Plants of all varieties, 25c each, \$2.50 per doz., \$15.00 per 100

**Medium.** The old-fashioned single Canterbury Bells. (See cut.) The most showy of all Campanulas—a pyramid 3 to 4 feet high, crowded with large bell-shaped, porcelain-blue, rose-pink and white flowers in August. Seed, All Colors Mixed, pkt. 10c.

**Calycanthema.** Cup-and-Saucer Canterbury Bells. Pink, blue, and white flowers on strong plants 2 feet high, blooming from June to August. Seed, All Colors Mixed, pkt. 10c.

**Persicifolia.** Peach Bells. Blue, bell-shaped flowers, borne on strong plants 2 feet high. Blooms in June and July.

**Persicifolia alba.** White Peach Bells. **Carpatica.** Harebell. Dwarf-growing plant 9 inches high. Blue, bell-shaped flowers. Blooms all summer long.

A very fine edging plant for the hardy bed, border or in the rockery. **Carpatica alba.** White flowered form of above.

**Pyramidalis.** Chimney Bellflower. Tall-growing plants, forming a pyramid 4 to 6 feet high, bearing quantities of bell-shaped porcelain blue flowers in August.

## CENTAUREA MONTANA (Perennial Corn Flower)

A very attractive and showy plant growing 2 feet high and bearing large violet-blue flowers from July to Sept. Plants 25c each, \$2.50 per doz.

## HARDY CANDYTUFT • Iberis

An early spring-blooming evergreen plant that is very fine for borders, rockeries, etc. Flowers in May and June. Grows 1 foot high.

**Sempervirens.** Masses of pure white flowers. Plants, 25c each, \$2.50 per doz., \$15.00 per 100. Seed, pkt. 10c.

**Gibraltarica.** Large, lilac flowers. Plants about 20 inches high. Seed, pkt. 10c.

## COREOPSIS GRANDIFLORA

(See cut.) One of the most popular, hardy plants, bearing bright golden yellow flowers of a graceful form. Plants very hardy, 2 to 3 feet high, and covered with bloom from June until frost. Will do well anywhere. Valuable for cutting. Plants, 25c each, \$2.50 per doz., \$15.00 per 100. Seed, pkt. 10c.

## LITTLE GEM FEVERFEW

A useful, dwarf border plant; large double white flowers from June to October. Plants, 25c each, \$2.50 per doz., \$15.00 per 100. Seed, pkt. 10c.

## HARDY CHRYSANTHEMUMS

The well-deserved popularity of this unequalled perennial is growing very rapidly. New and improved varieties are being brought out each year and are making Hardy Chrysanthemums a very wonderful flower for the hardy garden and for house flowers, both potted and cut. As cut-flowers, they have no equal for lasting qualities. They will remain fresh several weeks.

**Julia la Gravere.** Rich garnet-red; large double flowers.

**Golden Climax.** Golden yellow, button flowers.

**Sovereign Melaine.** Pure white; very large double.

**Rufus.** Quantities of bronze button flowers.

**Elva.** Button flowers of pure white.

**Acto.** Deep pink; large very double flowers.

**Minta.** Pink button flowers; very fine: free flowering.

**Etoile d'Or.** Very large, yellow, aster-flowered.

Plants, 20c each; \$2.00 per doz., \$12.00 per 100

## The Flower City Collection of Hardy Chrysanthemums

Six Fine Varieties in Six Colors, Post-Paid to You for \$1.00

## EULALIA

Handsome, tall, ornamental grasses for the open lawn, or in clumps in shrubbery.

**Japanese Pampas Grass.** Red-brown. 4 feet high.

**Gracilis.** Red-brown. 5 feet high.

**Variegated.** Red-brown. 5 to 6 feet high.

**Zebrina.** Red-brown. 5 to 6 feet high.

Plants, 25c each, \$2.50 per doz., \$15.00 per 100

## DAY LILY • Funkia

The Day Lilies are superb flowers, desirable for planting on the side of a lawn or at the edge of shrubbery. Easily grown and do well either in sun or shade.

**White.** Blooms in August and September. 2 feet high.

**Lavender.** Blooms in July. 1 foot high.

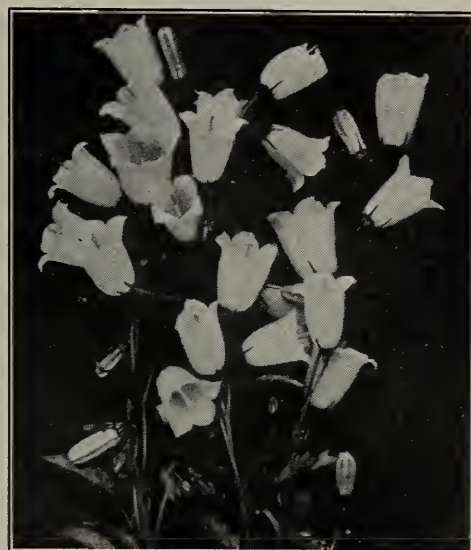
**Yellow.** Blooms in June and July. 3 feet high.

**Aurantica major.** Orange-yellow. Blooms from June to August. 2 to 3 feet high.

Plants, 25c each, \$2.50 per doz., \$15.00 per 100

## GAILLARDIA GRANDI- FLORA • Blanket Flower

Flowers 2½ to 3½ inches in diameter, dark red, brown centers, petals marked with rings of brilliant crimson, orange, and vermillion. Blooms all summer. Height 1½ to 2 feet. Plants, 25c each, \$2.50 per doz., \$15.00 per 100. Seed, pkt. 10c.



Canterbury Bells (Campanula Medium)



Coreopsis Grandiflora



Button and Large Flowering Hardy Chrysanthemums





Delphinium or Hardy Larkspur

Most popular of all Hardy Garden Plants

## DELPHINIUM or HARDY LARKSPUR

These are the most popular of all the Hardy Plants for the garden. The tall spikes of lovely blue flowers standing erect above the dark green foliage make a wonderful display. They begin to bloom in June and by cutting the plants to the ground as the crop of flowers fade a second and third lot of bloom may be had. The flower stalks are very brittle and should be staked to keep from being blown over by the wind. Fertilize well around the roots with bone-meal and in the late fall sift coal ashes over the crowns to protect them from grubs. Plant several clumps of these in your garden. We know you will be delighted with them. Plants 25c each, \$2.50 per dozen, \$15.00 per 100.

**Belladonna.** Freest and most continuous bloomer of all, flowers from the end of June until after frost. Plants 2 to 3 feet high, bearing mammoth spikes, turquoise-blue flowers. Seed, pkt. 15c.

**Formosum.** The old-fashioned dark blue, white center; plants vigorous, free blooming, 3 to 4 feet high, flowers in June and July. Seed, pkt. 10c.

**Nudicaule.** Bright scarlet flowers in June and July. Height 2 feet. Seed, pkt. 10c.

**H. & V. Large-flowering Hybrids.** A very fine strain of hybrids. Large flowers, all shades of light and dark blue. Seed, pkt. 10c.

## DIGITALIS • Foxglove

The old-fashioned, stately Foxgloves are popular in gardens everywhere. The long flower-spikes, 4 to 6 feet high, rising above the rich green foliage, make a wonderful show and add to the beauty of any garden. Bloom in June and July. Plants, 25c each, \$2.50 per doz., \$15.00 per 100. Seed, All Colors Mixed, pkt. 10c.

## GYPSOPHILA PANICULATA • Baby's Breath

One of the best hardy flowers for working in with bouquets. May also be dried and used with everlasting flowers. Blooms in August and September. Flowers pure white. Height 2 to 3 feet. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c.

## HELIANTHUS • Hardy Sunflower

**Maximilianii.** Of unusual merit. Plants 7 feet high. Blooms from early September to November. Outside petals rich yellow, center reddish brown.

**Multiflorus.** Best of hardy doubles. Flowers deep yellow, about size of silver dollar. Blooms in July and August. Height 4 feet.

Plants, 25c each, \$2.50 per doz., \$15.00 per 100

## GIANT HOLLYHOCKS

Everyone is familiar with the old-fashioned Hollyhock, growing from 5 to 6 feet in height, covered with large, double flowers. Used for background in borders.

Double Pink                      Double White  
Double Rose                      Double Maroon

Plants, 25c each, \$2.50 per doz., \$15.00 per 100.

Seeds, All Colors Mixed, pkt. 10c, ¼ oz. 40c

## LATHYRUS • Perennial Pea

Decorative climbing vine similar to sweet peas but without their fragrance. Fine for cutting. Deep rosy red. Plants, 25c each, \$2.50 per doz., \$15.00 per 100. Seed, pkt. 10c, oz. 80c.

## LILY-OF-THE-VALLEY

Thrives in almost all kinds of soils and especially adapted to shady places. Plants, 30c each, \$3 per doz., \$20 per 100.

## LYCHNIS • Campion

**Chalcedonica.** Maltese Cross. Bright vermilion flowers, blooming in June and July. Height 2 feet. Plants, 25c each. Seed, pkt. 10c.

**Viscaria.** Ragged Robin. Rose-colored flowers in June. Height 1 foot. Plants, 25c each. Seed, pkt. 10c.

**Haageana.** Brilliant orange-scarlet flowers in May and June. Seed, pkt. 10c.

## JAPAN IRIS

Flowers more flat than the "Fleur-de-Lis," measuring from 10 to 12 inches across. Bloom in June and July. White, Purple, and Blue, Mixed. Plants, 25c each, \$2.50 per doz., \$15.00 per 100.

## IRIS GERMANICA

These very hardy, easily grown perennials, in all their beautiful colors, should be in every garden. The satisfaction they give has increased their popularity wonderfully. Our varieties have been carefully selected.

**CELESTE.** Standard and falls delicate azure blue.

**FLORENTINA ALBA.**

Pure cream white, very free flowering, fragrant.

**HER MAJESTY.** Standards pale pink; falls deep rose, shading crimson.

**HONORABILLS.** Standards golden yellow; falls rich mahogany.

**MME. CHEREAU.**

Standard and falls pure white, daintily frilled with clear blue border.

**MRS. H. DARWIN.**

Clear white standards; falls slightly veined violet at base.

**PALLIDA DALMATICA.**

Standards lavender; falls lavender fringed, tinged purple.

One of the very best,

of strong vigorous habit, 4 feet high, bearing exceptionally large, fragrant flowers.

**PPLICATA.** Standards and falls bright violet purple.

**SHAKESPEARE.** Standards straw-yellow; veined burnt umber; falls deep carmine-violet.

**PARISIANA.** Standard and falls beautiful deep purple; dwarf habit.

Prices of above kinds: 20c each; \$2.00 per dozen.

One each of above, 10 plants, \$1.75



Digitalis or Foxglove



## FRAGRANT PEONIES

This easily grown, very hardy plant, requiring no protection even in the most severe climate, and increasing in beauty each year, is a general favorite in every garden. Their wealth of bloom, gorgeous coloring, and fragrance makes them rivals of the finest roses. Do not plant Peonies too deep. The roots should be placed so that the crowns are covered with 2 inches of soil.

Give them an abundance of water during their growing season.

**F. Rousseau.** Velvety red; very large flower.

**Miseille.** Pure white; large; late.

**Festiva maxima.** White, with blood-red stains in center. One of the largest and most popular.

**Agnes Marie Kelway.** Large, pink flower, with soft creamy center.

**Early Rose.** Pink flower, rich yellow center.

**Marie Lemoine.** Extra large; ivory-white.

**Mme. Forei.** Bright deep pink, thick, velvety petals.

**Prince of Wales.** Soft lilac flower. Fine for cutting.

**Potsii rosea.** Long-stemmed, large, light red flowers.

**Susanna.** Rosy pink; very double, large flower.

**Ville de Nancy.** Late-blooming; deep brilliant crimson. Strong roots, 4 to 5 eyes, 2 years old.

50c each, \$5.00 per doz. Postage or express prepaid.

## H. & V. CHOICE HARDY PHLOX

Our friends who remember the old-fashioned Perennial Phlox would hardly recognize the beautiful varieties grown to-day as bearing any resemblance to them. The improvement has been truly wonderful. We now have immense trusses of flowers ranging from the purest white to violet. Flowers can be had from June until November. Plant early in the spring or in October. Set about 18 inches apart and keep well watered.

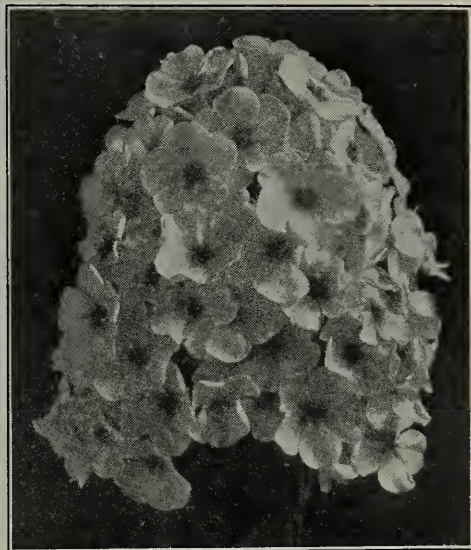
Plants, 25c each, \$2.50 per doz., \$15.00 per 100

**Albion.** Large panicles of pure white flowers with a faint red eye, on strong, vigorous growing plants. A great favorite in the garden.

**Europa.** A very large, entirely distinct white flower with a deep crimson-carmine eye. Very erect and sturdy.

**Newport.** A beautiful phlox of a Newport pink color. Large flowering and strong growing. We consider this the finest of all pink varieties.

**Rynstrom.** Carmine-rose, large individual flowers on large trusses, strong growing. A great favorite.

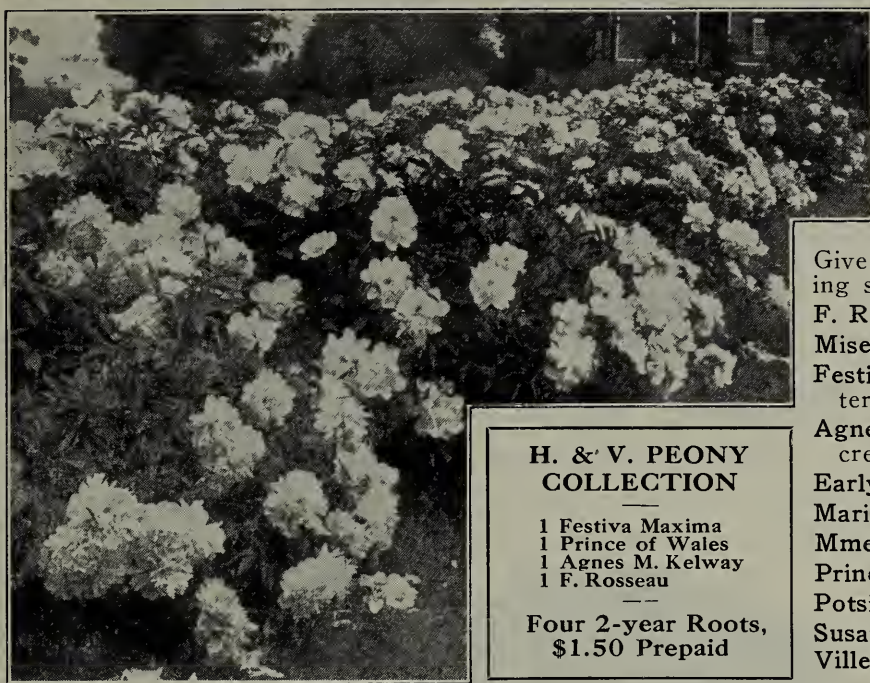


Hardy Phlox "Albion"

## PHLOX SUBULATA

An early spring flowering phlox, with moss-like, ever-green foliage hidden under a mass of white lilac and bright rose blossoms. Fine for the border or for covering graves.

Plants, 25c each, \$2.50 per doz., \$15.00 per 100



### H. & V. PEONY COLLECTION

1 Festiva Maxima  
1 Prince of Wales  
1 Agnes M. Kelway  
1 F. Rousseau

Four 2-year Roots,  
\$1.50 Prepaid

Fragrant Peonies in beds or borders are rivals of the finest roses

## LOBELIA CARDINALIS · Cardinal Flower

Flowers intense cardinal-red, on long spikes in August and September. Very attractive. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c.

## MYOSOTIS · Forget-me-not

Well-known, low-growing border plants about 10 inches high, blooming in May and June. Plants, 20c each, \$2.00 per doz., \$12.00 per 100. Seed, pkt. 10c.

## HARDY GARDEN PINKS · Dianthus

Brilliantly colored flowers borne in the greatest profusion and have a rich clove scent. Popular as edging plants or for rockeries. Very fine as cut-flowers. Grow 1 foot high, bloom in May and June.

**Deltoides.** Maiden Pink. Red and crimson blooms in May and June. Height 6 inches. Plants, 25c each, \$2.50 doz.

**Diadem Pink, Double.** Edged and marked with contrasting shades. Seeds only, pkt. 10c.

## SWEET SCENTED JUNE PINKS

The old favorite, old-fashioned, hardy, fragrant June Pink, that bears a profusion of clove-scented flowers during May and June. Fine for the edging of the hardy garden. Grow 1 foot high.

Plants, 25c each, \$2.50 per doz., \$15.00 per 100.

Seed, pkt., mixed colors, 10c.

**Delicata.** Soft, delicate rose-pink.

**Her Majesty.** Large, pure white, the best of its color.

## PYRETHRUM · Giant Daisy

Large, double, daisy-like flowers, 4 inches across. Colors, rose, flesh, pink, white, crimson, and many others. Plants, mixed colors, 25c each, \$2.50 per doz. Seed, pkt. 10c.

## HARDY PRIMROSE · Primula

**Auricula.** Large yellow, brown and red flowers. Mixed colors, pkt. 10c.

**Elatior.** Oxslip. Large, pale yellow flowers. Seed, pkt. 10c.

**Vulgaris.** English Primrose. An old favorite bright canary-yellow, fragrant, early spring flower. Height 8 to 10 inches. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c.

## PLATYCODON · Balloon Flower

Blue bell-like flowers all summer. Grows 2 feet high. Plants, 25c each, \$2.50 per doz.





A Clump of Shasta Daisies

## HARDY POPPIES

**ICELAND POPPIES.** Plants form tufts of bluish green, fern-like foliage, with slender flower-stalks rising about a foot high and bearing quantities of elegant cup-shaped flowers from early June to October. Plants, Separate Colors, White and Yellow, 25c each, \$2.50 per doz. Seed, Separate Colors, White, Yellow, and Orange, pkt. 10c; All Colors Mixed, pkt. 10c.

**ORIENTAL POPPIES.** (See cut.) One of the most brilliant plants of the hardy garden; flower-stems about 3 feet high, bearing brilliant scarlet flowers 7 to 8 inches in diameter. Blooms in June and July. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c.

**DEEP CRIMSON** of above. Seed, pkt. 10c.

**PERRY'S WHITE.** Pure satiny white, crimson blotch at base of each petal. Seed, pkt. 20c.

## WALLFLOWER

An old favorite, deliciously fragrant perennial, bearing yellow and brown flowers early in the spring. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c.

## TRITOMA · Red-Hot-Poker

Rich orange-scarlet flower-spikes, 12 inches long, from August to October, on 4-foot stems, producing a grand effect, either planted singly or in masses. Plants, 25c each, \$2.50 per doz., \$15.00 per 100.

## YUCCA · Spanish Bayonet

Erect plants with sharp-pointed leaves and sending up strong stems bearing large pure white, bell-shaped flowers in June and July. Plants, 35c each.

## H. & V. Suburban Collection of Hardy Plants

Selected by America's best-known seedsman, Mr. Charles H. Vick. 36 Plants for \$5. Will plant a border 12 ft. long, 3 ft. wide, or a corner 8 ft. x 6 ft. x 3 ft. wide.

Name	Color	Blooms
No. 1. 3 Delphinium.....	Blue...	June and July
No. 2. 3 Anemone.....	White...	Sept. to frost
No. 3. 3 Coreopsis.....	Yellow...	All summer
No. 4. 3 Gaillardia.....	Yellow...	All summer
No. 5. 3 Hardy Carna- tion.....	Pink.....	All summer
No. 6. 3 Feverfew.....	White.....	June to Oct.

Name	Color	Blooms
No. 7. 3 Iceland Poppy..	White and Yellow...	May to Aug.
No. 8. 3 Platycodon.....	Blue...	May to Oct.
No. 9. 3 Shasta Daisy...	White...	June to Sept.
No. 10. 3 Campanula.....	Blue...	June to July
No. 11. 3 Achillea.....	White...	All summer
No. 12. 3 Phlox.....	Pink.....	July to Oct.

See planting plans on pink sheet. **THIS COLLECTION PREPAID TO YOU, \$5.00**

## RUDBECKIA · Coneflower

**Golden Glow.** Double, deep yellow flowers on long stems. Blooms July to September. Height 5 to 6 feet. Plants, 25c each, \$2.50 per doz., \$15.00 per 100.  
**Giant Purple Coneflower.** Large, purple flowers with a remarkable cone-shaped center of brown. Blooms July to October. Bushy plants, 3 feet high. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c.

## SCABIOSA · Cushion Flower

Soft shaded lilac-blue flowers from June to August, on plants 2 feet high. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c.

## STOKESIA · Cornflower Aster

Handsome, lavender-blue flowers, 4 to 5 inches in diameter, borne profusely from June until frost. Very hardy and easily grown. Height, 18 inches. Blue. Plants, 25c each, \$2.50 per doz. Blue and White Mixture. Seed, pkt. 10c.

## SWEET WILLIAM · Dianthus barbatus

**Holborn Glory.** A large-flowered variety with a superb range of color, all showing a clear white eye. Plants, 25c each, \$2.50 per doz., \$15.00 per 100. Seed, All Colors, Single Varieties, Mixed, pkt. 10c; All Colors, Double Varieties, Mixed, pkt. 10c.

## SHASTA DAISY

Pure white flowers with bright yellow centers, borne on long, stiff stems from June to September. Height 1 to 2 feet. Plants, 25c each, \$2.50 per doz., \$15.00 per 100. Seed, pkt. 10c.

## VERONICA · Speedwell

A very desirable garden plant, especially valuable for cutting. Long spikes of deep blue flowers from June to August, on plants 2 feet high. Plants, 25c each, \$2.50 per doz.

## VIOLA · Tufted Pansy

The Pansy-Violet, or Viola, is growing very popular as a bedding plant. Their bright colors and profusion of bloom for nearly eight months in the year make them welcome additions to any garden. Plants, 15c each, \$1.50 per doz., \$10.00 per 100. Seed, pkt. 10c.

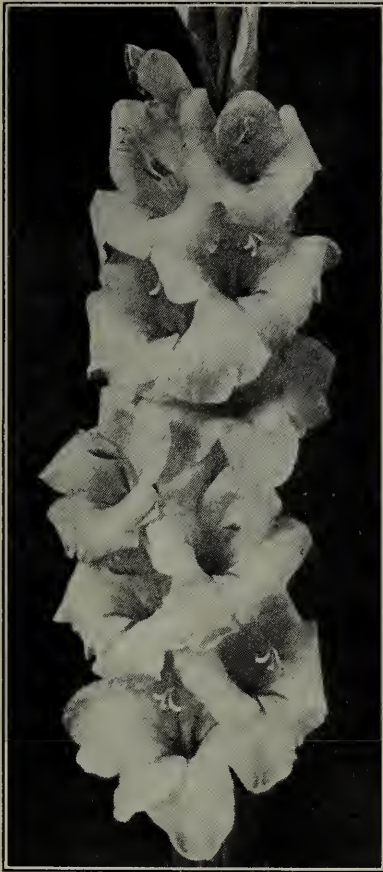


Tritoma, Red-Hot-Poker



## H & V GARDEN GLADIOLUS

These are the most attractive and useful of the summer flowering bulbs. For display in the garden and as a cut flower in the house they are unequalled. Can be grown anywhere and by planting a few bulbs 10 days apart, beginning in the early spring wonderful blooms may be had until late in the fall. Our list of varieties is not very long but we believe it contains the best kinds of each color for garden culture



Gladiolus America

**America.** One of the finest varieties for cutting and bedding; clear lavender-pink. 10c each, \$1.00 per doz., \$7.00 per 100.  
**Augusta.** Pure white, with blue anthers. 10c each, \$1.00 per doz., \$7.00 per 100.  
**Baron Hulot.** Rich, deep indigo-blue. The best of its color. 15c each, \$1.50 per doz., \$10.00 per 100.  
**Brenchleyensis.** Vermilion-scarlet. An old popular variety. 10c each, \$1.00 per doz., \$6.00 per 100.  
**Chicago White.** Pure white. 20c each, \$2.00 per doz., \$13.00 per 100.  
**Cracker Jack.** Large, dark red flower, mottled throat. 10c each, \$1.00 per doz., \$7.00 per 100.  
**Glory of Holland.** Large white flowers on tall spike. Very good. 15c each, \$1.50 per doz.  
**Halley.** Delicate salmon-pink, creamy blotch on lower petals. 10c each, \$1.00 per doz., \$7.00 per 100.  
**Independence.** Light scarlet, richly marked throat. Fine for cutting. 10c each, \$1.00 per doz., \$7.00 per 100.  
**War.** Tall spikes, filled with large blood-red flowers. 20c each, \$2.00 per doz.

**Mrs. Francis King.** Flame-pink; tall spike; large flowers. 10c each, \$1.00 per doz., \$6.00 per 100.  
**Mrs. Frank Pendleton, Jr.** A large, lovely, salmon-pink flower, with brilliant, deep red blotches in the throat. One of the finest varieties yet introduced. 20c each, \$2.00 per doz., \$15.00 per 100.  
**Niagara.** Soft creamy yellow, splashed with carmine. Best yellow for cutting or bedding. 20c each, \$2.00 per doz., \$15.00 per 100.  
**Panama.** Has all the good qualities of America. Color rich rosy pink. 20c each, \$2.00 per doz., \$13.00 per 100.  
**Peace.** Immense, pure white flowers with faint markings of carmine on lower petals. 20c each, \$2 per doz., \$14 per 100.  
**Ruffled Glory.** Creamy white, crimson stripe on lower petals; large ruffled flowers. 15c each, \$1.50 per doz., \$10 per 100.  
**Schwaben.** Delicate pale yellow, dark blotch; large spike and flower. 25c each, \$2.25 per doz., \$18.00 per 100.

### H. & V. Washington Mixture of Gladioli

This is made up of the finest reds, scarlets and other rich, dark colors, some named kinds, others new seedlings not yet on the market. It's a splendid collection of the warmer colors. 70c per doz., \$5.00 per 100.

### H. & V. Orchid Flowering Mixture

In this collection are the blues, lavenders, creams, new varieties named and some too new to be named. This is a great mixture of colors. You will like them all. 95c per doz., \$6.50 per 100.

## GIANT-FLOWERING CANNAS

For best effect, plant in masses of one color, setting out the plants 2 feet apart in beds which should be spaded 2 feet deep, earth well mixed with manure, and kept watered thoroughly.

25c each, \$2.50 per doz., \$15.00 per 100

**Gladiator.** A rugged, strong-growing variety. Flowers bright yellow, thickly spotted with crimson. Blooms freely all summer.  
**General Merkel.** One of the earliest and freest flowering varieties, holding its flowers well above the foliage. Color brilliant scarlet, suffused with orange, the base and edge of petals marbled golden yellow. Height 4 feet.  
**King Humbert.** A brilliant orange-scarlet flower, with bright red shadings. Large trusses of bloom, the individual flowers often measuring 6 inches across. Foliage rich reddish bronze, with lighter shadings. Finest red-foliaged and flowered variety. Height 5 feet.  
**Orange Bedder.** Attractive bright orange flowers, suffused with scarlet. Very free-blooming and growing 5 feet high.  
**Pennsylvania.** Deep scarlet flowers of immense size. Grows 6 feet high.  
**Wyoming.** Orange-red, orchid-flowered; bronze foliage. A massive-growing sort, about 6 feet high.  
**Yellow King Humbert (Queen Helene).** Identical with King Humbert in habit of growth and flowering, and produces yellow flowers, dotted with red; green foliage. Grows 5 feet high.



King Humbert Canna



# GARDEN ROSES EVERBLOOMING HYBRID TEAS

The Hybrid Tea Roses bloom all summer long, beginning in June and continuing until after frost. The varieties we list are perfectly hardy in this climate but we recommend a heavy mulching of strawy manure or leaves around the plants and in the bed after the ground begins to freeze.

We offer the following varieties in 2 year old, field-grown, well-branched, strong Dormant Plants.

\$1.00 each, \$10.00 per dozen, \$75.00 per 100, except where noted.

If wanted by mail, add for postage as follows: single plant, 10c; 3 plants, 15c; more than 3 plants, 5 per cent. of Rose order

**Columbia.** A new Rose that has proved to be one of the finest of outdoor pink Roses. Plant is strong and sturdy and almost thornless; heavy luxuriant foliage. Very free-flowering. Rose-pink flowers, perfect when in bud and when open, very fragrant. Gold Medal American Rose Society for best Garden Rose. Strong 2 year plants. \$1.50 each, \$15.00 per doz.

**Duchess of Wellington.** Intense saffron yellow stained deep crimson. Large heavy petals, very fragrant, free-flowering.

**General MacArthur.** Rich crimson scarlet, delightfully scented. Very free-flowering the entire summer. A great favorite.

**Gruss an Teplitz.** Bright scarlet-crimson, fiery red center. Very hardy, strong grower. In bloom all season long.

**Hoosier Beauty.** Large, beautifully formed, long pointed buds; large, full, perfect flowers of a rich, dazzling, crimson scarlet color; deliciously fragrant. The plant is strong growing and hardy. One of the best Hybrid Teas for the garden.

**Jonkheer J. L. Mock.** Outside of petals carmine, inside silvery pink, with a silvery rose-white reflex. Flowers produced with the greatest freedom on strong, erect stems. Very fragrant. Has been awarded two gold medals and one silver one.

**Kaiserin Augusta Victoria.** Soft, pearly white; very double; fragrant, beautifully formed flowers on long graceful stems.

**Killarney Brilliant.** Better than the old Killarney. Color more intense, richer, varying from bright pink to deep rosy carmine. Very fragrant.

**Lady Ashton.** A very free-flowering, constant blooming Rose, producing perfect soft rose, perfect, very double, highly pointed center flowers on long, strong stems.

**Lady Hillingdon.** The finest and most highly colored of all yellow Roses. Very free-blooming, bearing beautiful coppery yellow flowers, from June until late fall. This is a particularly fine Rose. It should be in your garden if it isn't already there.

**Los Angeles.** One of the finest Roses ever introduced. A vigorous grower producing flame-pink, long pointed, double flowers, shaded with coral and gold, on long stiff stems the whole summer long. Awarded a Gold Medal at Paris as the best and most desirable variety, 1918. Strong 2 year plants, \$1.50 each, \$15.00 per doz.

**Mme. Edouard Herriot.** The Daily Mail Rose. Winner of Gold Cup offered by the London Daily Mail for Best Rose, 1912. Awarded Gold Medal, National Rose Society of England, 1913. Coral red shaded yellow at the base. A general favorite wherever it is shown.

**Caroline Testout.** Large, full, bright, satiny-rose flowers, very free-flowering and very fragrant. A very popular and valuable variety.

**Mrs. Aaron Ward.** Deep Indian-yellow at center, shading to primrose at edges of petals. Of splendid form, full and very double. Very free-flowering, strong and vigorous grower.

**Sunburst.** Rich yellow, suffused with orange-copper. Very vigorous grower. Fine in bud or half-opened flower.

**Willowmere.** This splendid Rose is of a coral-red color, suffused with carmine in the bud state, and opens to a large, full, handsome flower of a rich shrimp-pink, shaded yellow in the center and flushed carmine-pink towards the edges of the petals.

## DEATH TO ROSE-BUGS

"Melrosine" will protect your rose plants from this mean insect. It is the only insecticide we know of that will do the work. Has been tried with the greatest success by rose growers everywhere. One pint, \$1.00, will make 2½ gallons of spray. See circular enclosed.

**My Maryland.** One of the most popular garden Roses, always giving satisfaction. Almost always in bloom, every shoot bearing one or more flowers which are double and of perfect form, of a bright salmon-pink, which lights up beautifully as the flower expands; delightfully fragrant.

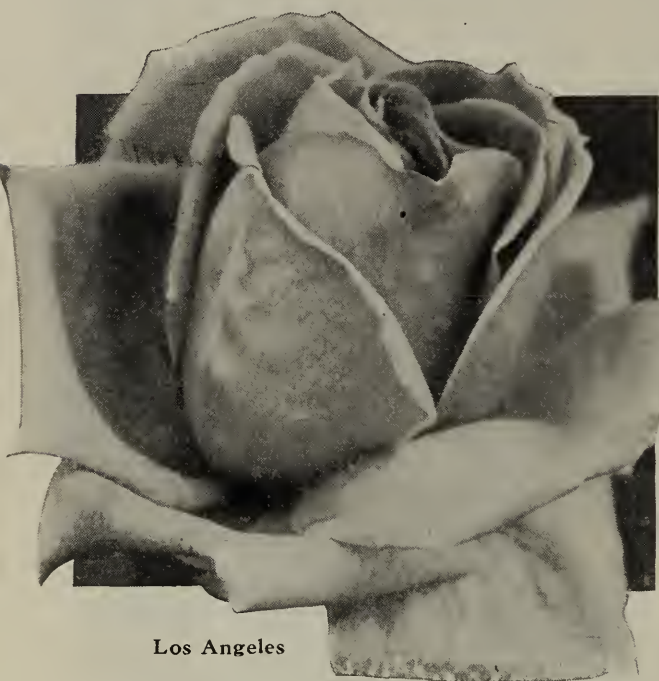
**Old Gold.** A very fragrant, semi-double, reddish-orange apricot shaded flower, particularly beautiful in bud. Flowers profusely throughout the season.

**Ophelia.** A Rose much admired by everyone. Its perfectly formed, large, delicate, salmon-flesh flowers and long-pointed buds are held erect on tall, stiff stems. Very free-flowering and wonderfully fragrant. Strong-growing and free from mildew.

**White Killarney.** A pure white sport of Killarney. Strong grower, free-flowering, very fragrant. Large double flowers on long stems.



Columbia



Los Angeles



## HYBRID PERPETUAL ROSES

These are the Hardy June Blooming varieties. Not as popular as the Hybrid Teas, which bloom all summer, but should be used in gardens together with the Ever-bloomers.

**Strong 2 year dormant plants, \$1.00 each, \$10.00 per dozen.**

**Clio.** Delicate flesh color, center pale pink; large, full and globular. Free and certain flowering.

**Frau Karl Druschki. Snow Queen. The Best of All White Roses.** Pure white, perfect in form, wonderful buds, splendid double flowers, very fragrant. Very free flowering. Superb in every way. If you like roses you will want this perfect white one.

**General Jacqueminot.** Known for over half a century as the "Jack Rose." Flaming scarlet.

**George Arends. Pink Frau Karl Druschki.** Soft rose-pink, very large, free flowering.

**J. B. Clark.** Intense scarlet with crimson shadings, flowers of immense size.

**Mrs. John Laing.** Soft pink; large finely formed; very fragrant. flowers continuously.

**Paul Neyron.** An enormous flower frequently measuring 6 inches. Beautiful shining pink; very attractive.

## CLIMBING VINES

**Ampelopsis Veitchii.** Boston Ivy. Clings firmly to the side of a house or wall. Hardy, rapid grower. 60c each.

**Ampelopsis quinquefolia.** American Ivy; Virginia Creeper. A native climber of vigorous growth: green in summer, rich crimson in fall. 50c each.

**Clematis Jackmanii.** Large, violet-purple flowers 4 to 6 inches in diameter, produced in great profusion. 60c each.

**Clematis Henryi.** Large white flowers. 60c each.

**Clematis, Mme. Edouard Andre.** Large bright crimson flowers. 60c each.

**Clematis paniculata.** Star-shaped, pure white flowers about an inch in diameter, borne in large clusters. Strong, quick grower and very popular. 50c each.

**Dutchman's Pipe.** A rapid-growing, hardy climber, bearing brown pipe-shaped flowers and large leaves. \$1.50 each.

**Eunonymus radicans.** Finest of evergreen vines. Rich dark green foliage, remaining all winter. Clings like ivy. Rapidly growing in popularity. 60c each.

**Hall's Japanese Honeysuckle.** Great numbers of white, very fragrant flowers from July until severe frost; strong, vigorous grower. 50c each.

**Wisteria sinensis.** Chinese Purple Wisteria. A strong, rapid-growing vine, bearing in May and June long, pendulous clusters of pale blue flowers. 50c each.

## OLD FASHIONED TIGER LILIES

**Tigrinum splendens.** The old-fashioned "Tiger Lily." Perfectly hardy. Blooms about August 1st. 30c each, \$3.00 per doz.

**Tigrinum flore-pleno.** Double "Tiger Lily." Blooms about August 15th. 30c each, \$3.00 per dozen.

## HARDY CLIMBING AND RAMBLER ROSES

**Strong 2 year plants, \$1.00 each, \$10.00 per dozen**

**Aviateur Bleriot (The New Yellow Rambler).** A strong growing, hardy, disease-proof plant, bearing large clusters of full double, saffron-yellow flowers.

**Climbing American Beauty.** (See cut.) Free-blooming, strong and vigorous, making 10 to 15 feet growth in a season, fragrant flowers in June and throughout the season.

**Crimson Rambler.** Well known and very popular climber producing heavy trusses of double crimson flowers in great profusion.

**Dorothy Perkins.** Large clusters of shell-pink, fragrant flowers. Very hardy and strong growing.

**Dr. W. Van Fleet.** Long pointed buds, rich flesh pink, on stems 12 to 18 inches long. When open will measure 4 inches or more in diameter, high pointed center. A splendid variety.

**Excelsa. (Red Dorothy Perkins.)** Resembling Dorothy Perkins but with intense crimson-maroon flowers.

**Silver Moon.** Large, 4½ inches in diameter, silvery-white flowers with prominent yellow stamens. Foliage beautiful bronze-green, and mildew-proof. Very fragrant and attractive.

**Tausendschon. (Thousand Beauties.)** Clusters of semi-double, fragrant, soft pink changing to carmine, large flowers in trusses. An entirely distinct and charming Rose.

**White Dorothy Perkins.** The same as Dorothy Perkins except in color.

## HEDGING

**Berberis Thunbergii.** Dwarf-growing plant with rich, bright green foliage, turning red in autumn. Red berries. Hardy and easily grown.

	10	100
1 to 1½ ft. plants	\$3.50	\$28.00
1½ to 2 ft. plants	4.00	30.00
2 to 3 ft. plants..	4.50	35.00

**California Privet.** A rapid- and vigorous-growing plant, with handsome, glossy, oval-shaped leaves which remain on well into the winter. Most popular of all hedge plants. Can be trimmed in any form.

	10	100
1 to 1½ ft. plants.....	\$ .10	\$1.00
1½ to 2 ft. plants.....	.75	6.00
2 to 3 ft. plants.....	1.10	8.00

## HARDY GARDEN LILIES

**Auratum.** Gold-banded Lily of Japan. A favorite variety in the garden. Its ease of culture and magnificent flowers of a delicate ivory-white, thickly dotted with red-brown spots and with a gold band running through the center of each petal, make it very desirable. Blooms in July. Grows 3 to 5 feet high. 30c each, \$3.00 per doz.

**Speciosum album.** Most popular of all Japanese Lilies. Large, white flowers with greenish band running through the center of each petal. 30c each, \$3.00 per doz.

**Speciosum rubrum.** White and rose flowers with rich crimson spots. Profuse bloomer. 30c each, \$3.00 per doz.



Climbing Rose American Beauty



# HARDY SHRUBS

Strong, bushy plants, two to three years old, and from 2 to 4 feet in height. The roots are packed in damp moss when sent out and when an order contains shrubs it is better sent by express. If wanted by mail, add for postage as follows: Single plant, 10c; 3 plants, 20c; more than 3 plants, 15 per cent. of shrub order.



*Hydrangea Arborescens*—Hills of Snow

**Althaea.** Rose of Sharon. Bushy shrub 9 to 12 feet high, blooming in September and October. Very attractive as a hedge. Colors, Double Pink, Purple, Red, White. 60c each.

**Berberis Thunbergii.** Japanese Barberry. Dwarf-growing, bushy shrub with bright green foliage. Used extensively for planting around porches and for hedges. Very hardy and grows well in shade. Plants 2 to 3 feet high. Specimen Plants, very large, for screen in front of porches. 55c each. Larger quantities, see Hedge Plants.

**Buddleia.** Everblooming Butterfly Bush. Rapid, strong-growing shrub, bearing long spikes of fragrant lilac-colored flowers the entire summer. 45c each, \$4.00 for 10.



Japanese Barberry as a foundation screen

**Deutzia, Pride of Rochester.** Large, double white flowers in June and July. Grows 5 to 8 feet high. 60c each, \$5.00 for 10.

**Deutzia gracilis.** Pure white flowers; dwarf grower. Flowers in June. 60c each, \$5.00 for 10.

**Forsythia.** Golden Bell. Bright yellow flowers appearing in the early spring. Grows 8 to 10 feet high. 50c each.

**Hydrangea arborescens.** Hills of Snow. Pure white flowers in large trusses, beautifully formed. Blooms in July and August. 5 to 6 feet high. 60c each.

**Hydrangea paniculata.** (See cut.) White flowers in panicles a foot long in August and September. Grows 8 to 10 feet high. 55c each.

**Lilacs.** These are among the most desirable of the tall-growing shrubs, attaining a height of 8 to 10 feet. Bloom in May and June. Large-flowered Red, White, and Purple. 60c each.

**Snowball, Japanese.** Globular heads of pure white flowers in June. Beautiful foliage. Height 5 to 6 feet. 75c each.

**Snowball Common.** Well-known Snowball. Produces white flowers in May. Height 5 to 8 feet. 50c each.

**Syringa Golden.** Golden yellow foliage that keeps its color all season. Very sweet scented. 60c each.

**Spiraea, Anthony Waterer.** Low-growing, bearing through late summer flat heads of deep rose blossoms. 60c each.

**Spiraea, prunifolia flore-pleno.** Bridal Wreath. Slender, drooping limbs are covered in May with pure white, double flowers which remain for weeks. 60c each.

**Spiraea, Van Houttei.** Most popular of all hardy shrubs. Compact in growth, forming a round, graceful bush, with arching branches covered with green foliage entirely hidden in early summer by clusters of large, pure white flowers. Height 5 to 7 feet. 60c each.

**Weigela candida.** Best of white-flowering kinds. A great profusion of pure white flowers from May throughout the entire summer. Height 3 to 4 feet. 65c each.

**Weigela, Eva Rathke.** Flowers brilliant crimson. 65c each.

**Weigela Variegated.** One of the best dwarf shrubs. Silvery variegated leaves, flowers white. 65c each.

## MONTBRETIAS

One of the most showy of all summer-flowering bulbs, producing numbers of long, graceful spikes of brilliant star-shaped flowers, 1½ to 2 inches across, scarlet, orange and vermilion, dotted and spotted with yellow, purple, and maroon. **Mixed Hybrids,** 6c each, 60c doz., \$4.75 per 100.



*Spiraea Van Houttei* gives universal satisfaction



# SMALL FRUIT PLANTS

## GRAPES

Strong vines with good roots. 40c each, \$4.00 per 10. If sent by mail, 5c each extra.

**Agawam.** Dark red, large bunch and berry, rich, sweet, aromatic. Very productive.

**Concord.** (See cut.) The best blue-black Grape for market. Berries large, sweet, and juicy. Bears big crops. A favorite in the vineyard.

**Diamond.** Early white Grape, large, juicy and rich. Vigorous grower.

**Niagara.** The best white Grape for market. Very juicy and sweet. Great yielder. Skin thin but tough. Ripens before Concord.

## BLACKBERRIES

**Blowers.** "The Giant of all Blackberries." It is an upright, mammoth grower, is very hardy and enormously productive. A single plant produced over 2600 berries and from  $\frac{3}{4}$  of an acre of land 112 bushels of fruit were picked which sold at \$4.80 per bushel or at a rate of \$716.80 per acre. The Blowers commence to ripen about the middle of July and bear about two months.

25c each, \$1.75 per 10, \$7.50 per 100. By mail, add 2c per plant.

## RED and BLACK RASPBERRIES

**St. Regis Everbearing.** A great Red Raspberry, not only because it bears from June until November, but the fruit is of fine quality and large size. Spring set plants will bear a small crop this fall. Next season you will have an abundance of fruit. Strong plants, 2 for 25c, 10 for \$1.00, 100 for \$4.50.

**Cuthbert.** One of the old standard red varieties that will give a good crop of large berries, firm, rich flavor, fine quality. More Cuthberts grown than any other kind. Strong plants, 2 for 25c, 10 for \$1.00, 100 for \$4.50.

**Columbian.** Very large, dark purple berry of rich flavor. Fine for canning and evaporating and very productive. Strong grower and very hardy. Strong plants, 2 for 25c, 10 for \$1.00, 100 for \$4.50.

**Plum Farmer.** Black Raspberry of the largest size, often measuring over an inch in diameter; quality is very fine; a great yielder and brings the highest prices on the market. Strong plants, 2 for 25c, 10 for \$1.00, 100 for \$4.50.

## CURRENTS

50c each; \$3.50 per 10; \$30.00 per 100

**Perfection.** Winner of Pan-American Exposition Medal, St. Louis Exposition Gold Medal, etc. Endorsed by experiment stations. Large red Currant with few seeds.

**White Grape.** Yellowish white; good quality.

**Black Champion.** Black; large; fine flavor; good quality.

## GOOSEBERRIES

Plants, 60c each, \$4.50 per 100

**Pearl.** Pale green; fine for cooking and table use.

**Josselyn.** Red Jacket. Red; large; smooth; hardy; productive.



Concord Grapes

## STRAWBERRIES

35c per doz., 50c per 25, \$1.75 per 100

**Big Joe.** Midseason, very productive, large, exquisitely flavored berries. Will succeed on any soil. Fine for table and canning.

**Brandywine.** Old, popular, bright crimson berry. Vigorous and prolific. Very fine flavor. Mid to late in season.

**Marshall.** Very popular in the New England and New York states. Large, rich, juicy, midseason.

**Stevens' Late Champion.** One of the best late berries. Very prolific, berries large, high quality. One of the best for the home garden.

## FALL BEARING STRAWBERRIES

40c per doz., 75c per 25, \$2.50 per 100

**Peerless.** Very large berry, fine flavor and color. Bears fruit until November.

**Progressive.** Smooth, deep crimson, medium size, good quality. berries borne in great abundance.



Big Joe Strawberries Will Succeed on Any Soil

### TO PREPAY POSTAGE

STRAWBERRIES—Add 5c. per Doz., 10c. per 25, 20c. per 100.

RASPBERRIES, CURRENTS, GOOSEBERRIES—Add 5c. for 2, 20c. for 10 plants.

Larger quantities better sent by Express.



# FRUIT TREES

## APPLES

Prices of 2 year old, well rooted trees, 5 to 7 feet high. Extra large size. \$1.00 each, \$9.00 per 10, \$80.00 per 100.

- Red Astrachan.** (Summer Apple.) Good size, deep crimson. Flesh tender, juicy and rich. Tree very hardy, bears while young.
- Yellow Transparent.** (Summer Apple.) Clear white, turning yellow. Flesh tender, acid, very good. Bears young, big yielder, very hardy.
- Duchess of Oldenburg.** (Fall Apple.) Good sized Apple, streaked red and yellow. Fine quality. Young and abundant bearer. Good shipper.
- Fameuse. Snow Apple.** (Fall.) Fine eating Apple. Deep crimson skin, snow white, tender, juicy flesh.
- Baldwin.** (Winter.) Large, deep red; crisp and juicy. Keeps well, fine shipper. Most popular market kind.
- McIntosh Red.** (Winter.) Bright red skin, tender white flesh, splendid flavor. Bears in 3 years.
- Delicious.** (Winter.) Large, brilliant red; finely grained, crisp, melting, juicy, tender flesh. Highest quality. Splendid keeper and shipper.
- Northern Spy.** (Winter.) Red striped yellow. Tender, crisp, high quality.
- Wealthy.** (Fall.) Large Apple with a pale yellow skin blushed and marked with stripes and splashes of red; flesh white, rich, juicy, crisp and tender.
- Rhode Island Greening.** (Winter.) Of the highest quality, ranks next in popularity to Baldwin.



McIntosh Red Apple

## DWARF APPLES

Fine for the small garden where space is limited. Can be planted 6 to 8 feet apart.

Selected trees, 3 to 4 feet, \$1.00 each, \$9.00 per 10

Best varieties—Baldwin, Duchess, Delicious, Fameuse, McIntosh Red, Yellow Transparent.

## APRICOTS

Best grade selected trees, \$1.50 each, \$12.50 per 10

**Moorpark.** Very large, yellow with red cheek, firm, juicy and very productive.

## DWARF PEARS

Extra large, 2 year, straight, well rooted.

\$1.25 each, \$11.00 per 10, \$100.00 per 100

- Duchess.** Most popular dwarf. Great yielder. Large, greenish yellow, tender, buttery.
- Bartlett.** Similar to standard fruit.
- Kieffer.** Very hardy, good bearer.
- Worden-Seckel.** Similar to standard.

## STANDARD PEARS

Extra large size, 2 year, straight, well rooted.

\$1.25 each, \$11.00 per 10, \$100.00 per 100

- Bartlett.** General favorite. Large, yellow, buttery, melting.
- Clapp's Favorite.** Golden yellow with red cheek. Melting, sweet, juicy.
- Kieffer.** Wonderful bearer. Golden yellow when ripe. Very hardy.
- Sheldon.** Very large size, greenish-yellow covered with light russet. Very juicy, melting, very tasty flavor. Fine grower, good bearer. Season Oct. and Nov.
- Worden-Seckel.** Improved Seckel. Yellow with crimson cheek. Used largely for pickling.

## PEACHES

Extra large size, 5 feet, well rooted and branched.

85c each, \$8.00 per 10, \$65.00 per 100

- Crawford Early.** Very large, yellow, rich, sweet. Free stone.
- Crawford Late.** Very hardy, large, yellow, rich, sweet. Free stone.

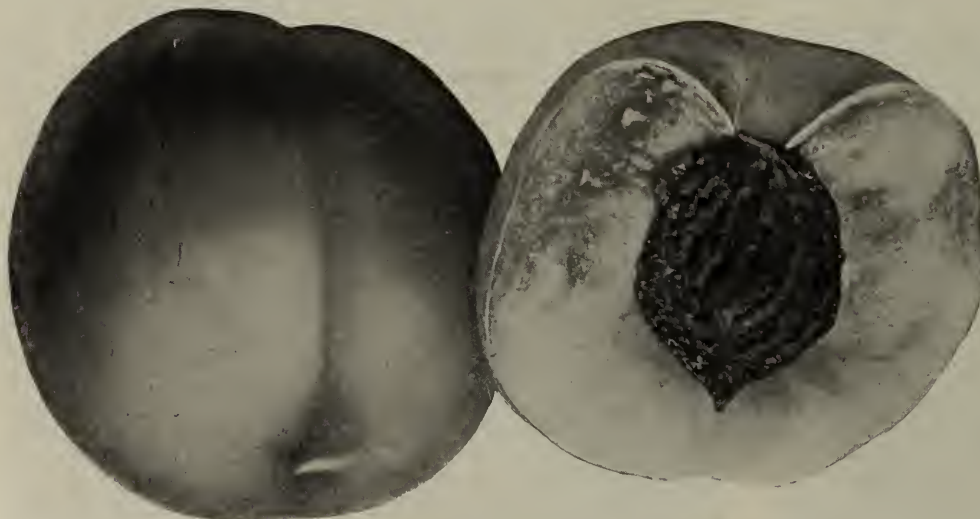
**Elberta.** Standard market Peach. Fine, large, yellow, free stone.

**Rochester.** Ripens two weeks before Early Crawford. Beautiful golden yellow and red, solid, highly flavored, juicy and delicious. Sweeter than Crawford.

**Hale.** One-third larger than Elberta. Deep crimson, smooth, skin without fuzz. Flesh golden yellow, firm, juicy, very delicious flavor. Very fine keeper and shipper. Ripens five days before Elberta and will hang on the tree longer.

**Carman.** Hardy, rot-proof, oval shaped, yellowish white Peach, ripening latter part of July.

**Yellow St. John.** Very popular, yellow, rich, juicy Peach, ripening in July.



Big, Golden Yellow, Delicious Hale Peaches



GEORGE B. HART

HARRY L. GLEN

CHARLES H. VICK

# ORDER SHEET

## 1921

# HART & VICK

## SEEDS, PLANTS, BULBS, TREES AND SUPPLIES

OFFICE  
WAREHOUSE  
STORE

55 Stone Street  
ROCHESTER, N. Y.  
*THE FLOWER CITY*

Please do not write here

Our Order No. \_\_\_\_\_

Date \_\_\_\_\_ 19\_\_

Name \_\_\_\_\_

Street \_\_\_\_\_ P. O. Box \_\_\_\_\_

Amount Enclosed

*Post Office* \_\_\_\_\_ *R. F. D. No.* \_\_\_\_\_

Money Order \$\_\_\_\_\_

*Draft*                      \$\_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Check \$\_\_\_\_\_

Freight or Ship } Express \_\_\_\_\_  
Express Office \_\_\_\_\_ by \_\_\_\_\_

Ship by	{	Parcel Post	Stamps	\$	_____
		Express	Cash	\$	_____
		Freight	Total	\$	_____

Total \$

**See Page One for our Special Prepaid Offer**

ANSWER

*If out of variety ordered, have we your permission to substitute equal or better varieties? \_\_\_\_\_*

[illegible]

**There is nothing more satisfactory in the garden than a border of hardy plants. Our Suburban Collection, 36 plants, \$5.00.**







## SWEET CHERRIES

Extra large, 5 to 7 feet, 2 year, well rooted trees.

Each \$1.50, \$14.00 per 10, \$125.00 per 100

**Black Tartarian.** (Black Oxheart.) Immense crops of large, sweet, juicy black Cherries.

**Napoleon.** Large, yellow with red blush, juicy, delicious fruit.

## SOUR CHERRIES

Same size and price as Sweets.

**Early Richmond.** Hardy, productive trees bearing dark red juicy fruit.

**Montmorency.** Large, red, acid Cherry of great value. Most popular Sour Cherry.

## PLUMS

Extra large, 5 to 7 feet, 2 year, well rooted trees.

Each \$1.50, \$14.00 per 10, \$125.00 per 100

**German Prune.** Large, dark blue, juicy, sweet. Very hardy and productive.

**Lombard.** Most popular; large, violet red, juicy and good.

**Abundance.** Juicy, tender, delicious; amber turning bright red.

**Burbank.** Rich dark red, tender, juicy, rich, sweet. Hardy and productive.

# RHUBARB

## HART & VICK'S STRAWBERRY

An early, very juicy, tender, large stalked Rhubarb, strawberry red clear through, never tough or stringy. Strawberry Rhubarb may be had the entire year. Cut stalks of young rhubarb into small pieces and put into fruit jars, cover with water and seal tightly. Large 2 year roots, 25c each, 2 for 40c, \$1.50 per 10. Add 2c per plant for postage.

## QUINCES

Extra large, 4 feet, 2 year, well rooted trees

Each \$1.50, \$14.00 per 10, \$125.00 per 100

**Rea's Mammoth.** Best of all Quinces. Largest and finest in every way.

**Orange.** More largely planted than any other kind. Large, bright golden yellow. Cooks very tender and has a fine flavor.

# INSECTICIDES—SPRAYERS

Endorsed by Leading Rosarians Everywhere

## MELROSINE

A REAL ROSE-BUG KILLER

This insecticide quickly kills the dreaded rose-bug as well as the minor insects of the rose and other plants. May be used in any sprayer. Dilute 1 part Melrosine to 20 parts water. "Melrosine" is non-poisonous and harmless to house animals and human beings. It does not mark the flower or foliage in any way. Five gallons of Melrosine when diluted will spray 100 rose plants, once a day, for an entire season. Pint, \$1.00; quart, \$1.75; ½ gallon, \$3.25; gallon, \$6.00. Sent by express at purchaser's expense. Write for circular "Death to Rose Bugs."

**Arsenate of Lead.** Powdered. Superior to the paste, and more economical. May be used as a dust diluted with hydrated lime, plaster, or road dust; or as a liquid spray with water, lime-sulphur, or bordeaux. ½ lb. 45c, lb. 80c, 5 lbs. \$3.60.

**Calcium Arsenate Powder.** Recommended by U. S. Agricultural Department as a substitute for Paris Green. It is largely used for same general sprays as paste or Powdered Arsenate of Lead. ½ lb. 30c, lb. 50c, 5 lbs. \$2.25.

**Black-Leaf 40.** (Liquid.) A highly concentrated solution of tobacco. Recommended by experiment stations for black aphids and sucking insects of all kinds. Oz. 25c, ½ lb. \$1.00, 2 lbs. \$3.25.

**Formalin.** (Formaldehyde 40 per cent.) It is very effective when used to destroy smut germs in oats and scab on potatoes. To treat oats, use 1 pint of Formalin to 50 gallons of water and soak 10 minutes. For potatoes, use 1 pint to 30 gallons, and soak 2 hours. Pt. \$1.00, qt. \$1.75, gal. jug \$5.50.

**Fish-Oil Soap.** Used as a wash for roses, trees and plants affected with insects. ½ lb. box 20c, lb. box 30c.

**Hellebore.** Pure and fresh; used largely for cabbage and currant worms, squash bugs, etc. ¼ lb. 25c, ½ lb. 40c, lb. 65c, 5 lbs. \$3.10.

**Bordeaux Powder.** Used for dry dusting and spraying for blight, mildew, rust, and fungous diseases; prevents and cures black rot and scab, and acts as a deterrent for insects on fruits and vegetables. Lb. 50c, 5 lbs. \$1.75.

**Pestroy.** (Powder.) A combination of Bordeaux Mixture and Arsenate of Lead; especially recommended for fruit trees and garden crops; equally as effective on potatoes. ½ lb. 35c, lb. 65c, 5 lbs. \$2.90.

**Lemon Oil Co.'s Insecticide.** For all insects and soft scale; highly recommended for house plants. ½-pt. 30c, pt. 50c, qt. 90c, ½-gal. \$1.50, gal. \$2.50, 5-gal. keg \$10.50.

**Lime-Sulphur.** (Dry.) Will destroy San Jose scale, oyster-shell bark louse, scurfy scale, and all other sucking insects; apple-scab, peach-rot, leaf-spot, etc., if applied in the fall immediately after the leaves drop, or in the spring before the buds open. Lb. 40c, 5 lbs. \$1.55, 10 lbs. \$2.75.

**Nicofume Paper.** A tobacco-paper insecticide for fumigating only. 24 sheets \$1.00, 144 sheets \$5.00, 288 sheets \$9.50.

**Nicofume Liquid.** For spraying and fumigating. ¼ lb. 50c, lb. \$1.50, 4 lbs. \$5.50, 8 lbs. \$10.50.

**Pyrox.** Kills leaf-eating insects, and prevents blights and fungous troubles, on fruit trees, grape-vines, currant bushes, potatoes, cantaloupes, cucumbers and other garden vegetables, rose bushes, shrubbery, etc. Mix with cold water and it is ready to apply. Lb. 40c, 5 lbs. \$1.50, 10 lbs. \$2.50.

**Slug-Shot.** Non-poisonous powder for potato bugs, cabbage lice and worms, currant worms, etc. Lb. 20c, 5 lbs. 60c, 10 lbs. \$1.00.

**Tobacco Dust** for fumigating. Lb. 15c, 10 lbs. \$1.25.

**Bowker's Ammoniated Food for Flowers.** A complete fertilizer for palms, ferns, and blooming plants. 4-oz. pkg. 15c, 8-oz. pkg. 25c.

**Nitrate of Soda.** The best and cheapest form of nitrogen for plants. Highly concentrated and immediately available. Lb. 25c, 5 lbs. \$1.00, 10 lbs. \$1.50, 25 lbs. \$3.00.

**Bone Meal.** See page 17.

**Sheep Manure.** See page 17.

**Clay's Fertilizer.** See page 17.

## SPRAYERS

**Auto-Spray No. 1B.** Brass solution tank, 3½-gal., brass air-pump, clog-proof nozzle, automatic shut-off (Auto-Pop). Price, \$12.00 each.

**Auto-Spray No. 1D.** Same as above, with galvanized tank. Price \$9 each.

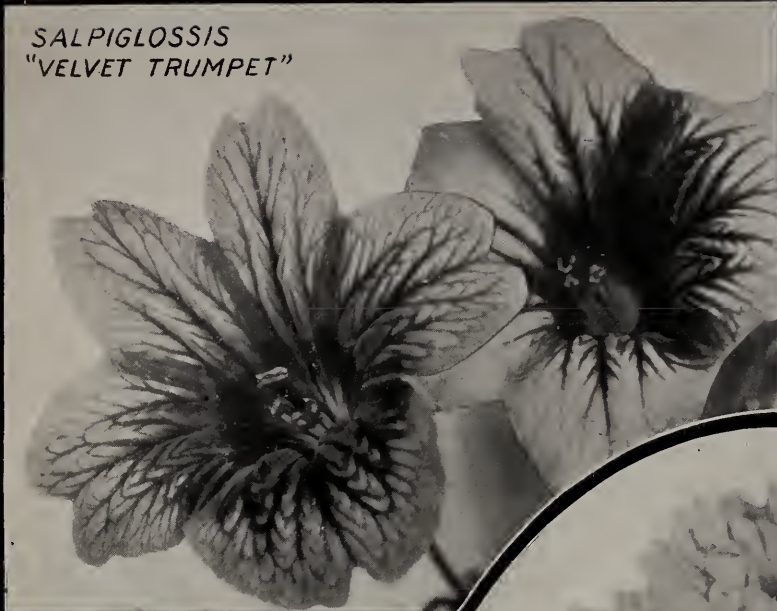
**Auto-Spray No. 22.** Heavy tin 1-quart tank. Single-acting atomizer that throws a fine misty spray. Price, 75c each.

**Auto-Spray No. 25.** One quart tank, double-acting pump throwing a steady fine mist. Used satisfactorily in greenhouses, kitchen-gardens, and for spraying rose bushes, shrubs, and poultry-houses. Equipped with two spray-caps, one for straight and one for angle spraying. No. 25A, 1 quart, all tin, \$1.25 each. No. 25B, 1 quart, tin pump, galvanized tank, \$1.50 each. No. 25C, 1 quart, tin pump, brass tank, \$1.75 each.

**Auto-Spray No. 5.** Double-acting brass pump; 2½ feet of suction hose with heavy strainer. An all-purpose hand-sprayer handling sprays direct from pail. Pump, Hose, Nozzle and Strainer, complete, \$6.00.



*SALPIGLOSSIS*  
"VELVET TRUMPET"



*COSMOS*  
EXTRA EARLY FLOWERING

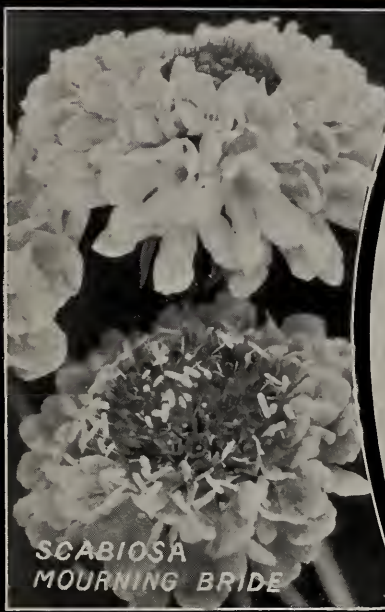


*ZINNIA*  
DAHLIA  
FLOWERED

*ZINNIA*  
CURLED &  
CRESTED



*SCABIOSA*  
MOURNING BRIDE



*HELICHRYSUM* - STRAW FLOWER



*DOUBLE MARIGOLD*  
PRINCE OF ORANGE



*ASTER*  
AMERICAN BEAUTY

